



MILLAT TRACTORS LIMITED

Product Guide Book


TÜV
AUSTRIA
HELLAS
EN ISO 9001:2015

چمکے گا ہمیشہ
ملت کا ستارہ




 www.millat.com.pk

 Millat Tractors Limited Official

 Millat Tractors Ltd

 Millat Tractors Limited

 Millat Tractors Limited

The Heartbeat of the every Farmer ...

Vision

“ Millat to be a global group of companies, recognized for a range of quality products with innovative design capabilities.”

Mission

“ To be market leader in agricultural tractors and machinery, building company’s image through innovation and competitiveness, grow by expanding market and investing into group companies, ensuring satisfaction to customers and stakeholders and to fulfill social obligations.”

Dear Customers

This booklet is a brief introduction and customer friendly guide to Millat Tractors Limited and the wide range of products that we offer to match the farming and industrial needs of modern day users to help you understand and select our quality products which suits best your requirements.

For information please email or call:

- 1) **Tractors, Implements and Price Quote for Corporate customers:**
Email: sales@millat.com.pk
Call: +92-42-3792-2259 (405)
- 2) **Diesel Generators, Forklift Trucks, Prime Movers and Skid Steer Truck:**
Email: zainulabdin@millat.com.pk
Call: +92-42-111-200-786 (Ext: 441 and 442)
- 3) **For Spare Parts:**
 - a) **Head Office**
Email: mtl.parts@millat.com.pk
Call: +92-4237932860
 - b) **Badami Bagh Parts Shop, Lahore:**
Email: mtlbadamibagh1@millat.com.pk
Call: +92-42-3772-4932
 - c) **Retail Outlet Multan**
Email: mmro@millat.com.pk
Call: 061-4481278
 - d) **Retail Outlet Sukkur**
Email: mrosukkur@millat.com.pk
Call: 071-5825501
- 4) **After Sales Service:**
Email: warranty@millat.com.pk
Call: +92-42-111-200-786 (Ext: 431,432, 434)

URL: www.millat.com.pk
Email: info@millat.com.pk
UAN: +92-42-111-200-786



CONTENTS

COMPANY MILESTONES AND BASIC INFO	1
LIST OF AWARDS RECEIVED	2-3
Chapter - 1 MILLAT Agricultural Tractors	4
1.1 MF 235	5-6
1.2 MF 240	7-8
1.3 MF 260	9-10
1.4 MF 260 DELUXE	11-12
1.5 MF 360	13-14
1.6 MF 360 4WD	15-16
1.7 MF 375	17-18
1.8 MF 375 4WD	19-20
1.9 MF 385	21-22
1.10 MF 385 DELUXE	23-24
1.11 MF 385-4WD	25-26
1.12 MF 385-4WD DELUXE	27-28
1.13 MF 455-4WD	29-30
Chapter - 2 MILLAT Tractor Attachments & Agri - Implements	32
2.1 FODDER HARVESTOR	33
2.2 MILLAT JF 1000 AT	34
2.3 FODDER CHOPPERS	35
2.4 MILLAT WHEAT STRAW CHOPPER	36
2.5 MILLAT LASER LAND LEVELER	37-38
2.6 MF 1840 BALER	39
2.7 CHISEL PLOUGH	40
2.8 MOULD BOARD PLOUGH	41
2.9 DISC PLOUGH	42
2.10 TINE TILLERS	43
2.11 FOLDING TINE TILLERS	44
2.12 OFFSET DISC HARROWS	45
2.13 MILLAT ROTAVATOR	46
2.14 RICE PUDDLER	47
2.15 RIDGERS	48
2.16 POST HOLE DIGGER	49
2.17 MULTI-PURPOSE REAR BLADE	50
2.18 FRONT BLADES	51
2.19 AGRICULTURAL LOADERS	52
2.20 MILLAT COMMERCIAL LOADER	53
2.21 MILLAT BACK HOE	54
2.22 HYDRAULIC TIPPING TRAILER	55
2.23 HYDRAULIC TIPPING TRAILER	56
2.24 ADJUSTABLE PINTLE HOOKS	57
2.25 JIB CRANE	58
2.26 MILLAT LAWN MOWER	59
2.29 MILLAT ROTARY SLASHER	60
2.30 FRONT MOUNTED BROMMER	61
2.30 REAR MOUNTED BROMMER	62
2.31 MECHANICAL ROAD SWEEPER	63
2.32 MILLAT MINI TIPPERS	64-65
2.33 MILLAT WATER BOWZERS	66
2.34 MILLAT FIBER SUN CANOPY	67
2.35 MILLAT TRAILER MOUNTED PLATFORM	68
Chapter - 3 Industrial Products	69
3.1 MILLAT GENERATING SETS (12.5 - 50 kVA)	70-71
3.2 MILLAT GENERATING SETS (60 - 250 kVA)	72-73
3.3 MILLAT FORKLIFT TRUCK	74-75
3.4 MILLAT PRIME MOVERS	76-77
3.5 MILLAT SKID STEER TRUCK	78-83
LIST OF MTL OFFICES	84
SERVICE AT YOUR DOOR STEP - MTL DEALERS	85-93



MILLAT TRACTORS LIMITED

LEADERS ALL THE WAY.....

1 - Milestones:

- 1964 Company Established.
- 1972 Nationalized .
- 1973 Licensing & Transfer of Technology Agreement with MF, UK.
- 1973 Licensing & Transfer of Technology Agreement with Perkins, UK.
- 1982 Inauguration of Engine Assembly Plant.
- 1984 Inauguration of Machining Plant.
- 1990 Perkins Distributor Agreement.
- 1992 Employees Buy Out.
- 1992 Inauguration of new Tractor Assembly Plant.
- 1993 Bolan Castings Limited - Buy Out.
- 1994 Mass Production - Generating Sets.
- 1994 Millat Equipment Limited established.
- 1998 ISO 9002 certification achieved.
- 2000 Licensing Agreement - Heli Forklift Trucks (China).
- 2002 Quality Management system upgraded to ISO 9001:2000.
- 2002 Millat Industrial Products Limited established.
- 2012 TIPEG Intertrade JLT, UAE Established.
- 2014 Golden Jubilee Year.
- 2015 Export Agreement with AGCO (Millat's MF Models).
- 2017 Launch of Emission Compliant Diesel Engines and Export Tractor Models.

- 2 - **Total Area:** 155,431 sq.m (1,673,100 sq. ft)
about 50 Acres.
Covered Area: 35,569 sq.m (382,875 sq.ft)
Greenfield Area: 119,862 sq.m (1,290, 225 sq.ft)

3 - Products:

- MF 235 (50 hp) Tractor,
- MF 240 (50 hp) Tractor,
- MF 350 Plus (50 hp) Tractor,
- MF 260 Turbo (60 hp) Tractor,
- MF 260 Deluxe Turbo (60 hp) Tractor,
- MF 360 Turbo (60 hp) Tractor, (2WD / 4WD)
- MF 375 (75 hp) Tractor, (2WD / 4WD)
- MF 385 (85 hp) Tractor,
- MF 385 Deluxe (85 hp) Tractor,
- MF 385-4WD (85 hp) Tractor,
- MF 385-4WD Deluxe (85 hp) Tractor,
- MF 455-4WD (100 hp) Tractor,
- Generating Sets (12.5-50 kVA),
- Generating Sets (60-250 kVA),
- Prime Movers,
- Forklift Trucks (3,3.5 Ton capacity),
- Millat Skid Steer Truck
- Range of Agricultural Implements,
- Range of Spare Parts.

4 - Marketing Network:

Regional Offices	5
Sales Regions	13
Main Dealers	81
Authorized W/shops	515
Parts Dealers	50



MILLAT TRACTORS LIMITED

LIST OF AWARDS

- 1 1979 Top 25 Companies Award
Karachi Stock Exchange
- 2 1980 Top 25 Companies Award
Karachi Stock Exchange
- 3 1981 Top 25 Companies Award
Karachi Stock Exchange
- 4 1982 Top 25 Companies Award
Karachi Stock Exchange
- 5 1982 Corporate Excellence Award
Management Association of Pakistan
- 6 1983 Corporate Excellence Award
Management Association of Pakistan
- 7 1984 Corporate Excellence Award
Management Association of Pakistan
- 8 1984 Top 25 Companies Award
Karachi Stock Exchange
- 9 1984 2nd Client Performance Award
All Pakistan Newspapers Society
- 10 1984 Award for achievement
Massey Ferguson, UK
- 11 1985 Top 25 Companies Award
Karachi Stock Exchange
- 12 1985 3rd Prize for Annual Report
Instt. of Chartered Secretaries &
Administrator of Pakistan
- 13 1985 3rd Prize, 2nd National Industrial Exhibition
Rawalpindi Chamber of Commerce and Industry
- 14 1986 Corporate Excellence Award
Management Association of Pakistan
- 15 1987 1st Prize for Annual Report
Instt. of Chartered Secretaries &
Administrator of Pakistan
- 16 1989 Excellence in Management Award
Ministry of Production, Islamabad
- 17 1989 Top 25 Companies Award
Karachi Stock Exchange
- 18 1991 1st Prize for Annual Report
Instt. of Chartered Secretaries &
Administrator of Pakistan
- 19 1993 Top 25 Companies Award
Karachi Stock Exchange
- 20 1994 Top 25 Companies Award
Karachi Stock Exchange
- 21 1995 Top 25 Companies Award
Karachi Stock Exchange
- 22 1996 Top 25 Companies Award
Karachi Stock Exchange
- 23 1997 Top 25 Companies Award
Karachi Stock Exchange



MILLAT TRACTORS LIMITED

24	1998	Top 25 Companies Award Karachi Stock Exchange
25	1999	Top 25 Companies Award Karachi Stock Exchange
26	2000	1st Prize for Annual Report Instt. of Chartered Secretaries & Administrator of Pakistan
27	2000	Highest Achievement of Indigenization Award The Pakistan Instt. of Automotive Parts & Accessories Manufacturers
28	2000	Best Corporate Report Award Joint Committee of ICAP & ICMAP
29	2000	Top 25 Companies Award Karachi Stock Exchange
30	2000	Corporate Excellence Award Management Association of Pakistan
31	2001	Best Corporate Report Award Joint Committee of ICAP & ICMAP
32	2002	Best Corporate Report Award Joint Committee of ICAP & ICMAP
33	2007	Best Corporate Report Award Joint Committee of ICAP & ICMAP
34	2009	1st Position Award as Largest Tractor and Farm Machinery Manufacturer Company at Kissan Convention 2009 by Government of Pakistan.
35	2009	Top 25 Companies Award Karachi Stock Exchange
36	2010	Asia's Best 200 Under a Billion \$ Companies Forbes Global Magazine
37	2011	Asia's Best 200 Under a Billion \$ Companies Forbes Global Magazine
38	2011	Corporate Excellence Award Management Association of Pakistan
39	2012	Asia's Best 200 Under a Billion \$ Companies Forbes Global Magazine
40	2012	16th Largest Company with Exceptional Performance in Global Tractor Manufacturing Industry Plimsoll - UK
41	2012	Top 25 Companies Award Karachi Stock Exchanges
42	2013	Top 25 Companies Award Karachi Stock Exchanges
43	2015	Top 25 Companies Award Karachi Stock Exchanges
44	2016	"Tractor & Agriculture Implements" sector Award The Federation of Pakistan Chambers of Commerce & Industry (FPCCI)
45	2016	"2nd Best Company of Pakistan" Pakistan Stock Exchange (PSX)
46	2016	"Brands of The Year Award" in Category of 'Tractors' Brands Foundation of Pakistan
47	2017	"Corporate Excellence Award" Management Association of Pakistan
48	2017	"Best Export Performance Award (Tractors)" Lahore Chamber of Commerce & Industry
49	2018	"The Top 25 Companies Award - 2018 Pakistan Stock Exchange
50	2019	"The Top 25 Companies Award - 2019 Pakistan Stock Exchange
51	2020	"35th Corporate excellence award 2020 Management Association of Pakistan
52	2022	"Lahore Chamber Export Trophy" LLCI, Pakistan
53	2024	"MAP - Best Performance Award" Marketing Association of Pakistan



MILLAT TRACTORS LIMITED

Chapter - 1

MILLAT

**Agricultural
Tractors**



MILLAT'S MF - 235

“Specially Designed for Orchards
& Narrow Spaces”

Product Features

- Smaller in Size & Bigger in Power.
- Spare Parts & After Sales Services available across the country.
- Suitable for all types of Haulage & Tillage Operations including PTO work like, Tube well, Thresher, Rotavator & Lawn mower.
- Economical in use.





MILLAT'S

MF 235 Specifications

PERFORMANCE

Engine power at 2250 rpm	50 (B.S.) hp*
Torque at 1,600 engine rpm	172 Nm
PTO power at rated engine speed	44 hp*

*Certified to BS AU 141a: (1971)

**Manufacturer's estimate

ENGINE

Make / Type	Diesel / AD 3.152
No. of cylinders	3
Injection	Direct
Bore	91.5 mm
Stroke	127 mm
Capacity (litres)	2.5 l
Aspiration	Natural
Compression ratio	16.5 : 1
Starting aid	Thermostat
Throttle control	Hand and foot
Cooling	Water
Air cleaner type	Oil bath
Air pre cleaner	Over bonnet,
Fuel filter	Dual, high capacity
Exhaust	Vertical

ELECTRICS

Voltage	12 V, Negative Earth
Battery	118 Ah
Starter Motor	2.2kW
Alternator	32 Amp.

CLUTCH

Type	Dual
Diameter	305x254 mm

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,250 engine rpm with 12.4/11-24 rear tyres	
Gear	Speed (Km/hr)
Forward 1 (First low)	2.3
Forward 2	3.4
Forward 3	4.7
Forward 4	6.3
Forward 5 (First high)	9.3
Forward 6	13.6
Forward 7	18.6
Forward 8	25.0
Reverse 1 (Low)	3.2
Reverse 2 (High)	12.7

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position control, Response control, Constant pumping
Pump type	Reciprocating pump Ferguson Pump
Oil flow	16 l/min
Pressure	19.2 MPa at normal operating temp.
Lift capacity with lower links horizontal	1,415 Kg
Lower links	Cat. I & II with interchangeable balls

FRONT AXLE

Type	Box Section, Adjustable
------	----------------------------

STEERING

Type	Manual
------	--------

REAR AXLE & BRAKES

Brake type	Out board drum brakes
Actuation	Mechanical, Independent or locked together
Parking brake	Hand Lever Operated
Differential Lock	Mechanical

INSTRUMENTATION

Gauges	Tachometer, Hourmeter Fuel level, Water temp. & Battery condition
Warning lights	Direction indicator Electric charge Head light main beam Low engine oil pressure Brake Light & Auxiliary socket

TYRES

Front	5.50-16 (8PR)
Rear	12.4/11-24 (12PR)

TRACK ADJUSTMENT

Front axle	1,245-1,707 mm
Rear axle	1,214-1,930 mm

WEIGHT AND DIMENSIONS (APPROX)

(With 5.50-16 Front & 12.4/11-24 rear wheel and with full fuel, oil and water)

Weight	
Gross Weight (Approx)	1,515 Kg

Dimensions

Wheel base	1892 mm
Overall length	3240 mm
Overall Width	1604 mm

Height

Over exhaust	1905 mm
Over steering wheel	1386 mm

Turning Circle

With brakes	5710 mm
Without brakes	6277 mm

Ground Clearance

Under gear box	295 mm
----------------	--------

CAPACITIES

Fuel tank	50 l
Engine sump	6.96 l
Cooling System	11.7 l
Steering box	0.75 l
Hydraulic system	33.0 l
Oil bath air cleaner	0.65 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat-I & II balls, Check chains, Spring suspension seat, Shell fenders, Operator's and service manual

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun canopy, Pintle Hook and 9 Hole drawbar & Roll Over Protection System

Note:

Millat Tractors Ltd. Reserve the right to change specifications without prior notice



MILLAT'S MF - 240

**“The Most Popular &
Economical Tractor”**

Product Features

- Most Economical in 50 hp Range.
- Fuel Efficient, High Performance Engine.
- Rugged, Maneuverable and Compact.
- Ideal & Versatile
- Spring Suspension Deluxe Seat.
- Availability of Parts & Service Facilities at your doorstep.





MILLAT'S

MF 240 Specifications

PERFORMANCE

Engine power at 2,250 rpm	50 (B.S.) hp*
Torque at 1,400 Engine rpm	172 Nm
PTO power at rated engine speed	44 hp**

* Certified to BS AU 141a: (1971)

** Manufacturer's estimate

ENGINE

Type	Diesel / AD 3.1524
No. of cylinders	3
Injection	Direct
Bore	91.5 mm
Stroke	127.0 mm
Capacity (litres)	2.5
Compression ratio	16.5:1
Aspiration	Natural
Starting aid	Thermostat
Throttle control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet
Fuel filter	Dual, high capacity
Exhaust	Vertical

ELECTRICS

Voltage	12V, Negative Earth
Battery	118 Ah
Starter Motor	2.2 kW
Alternator	32 Amp.

CLUTCH

Type	Dual clutch
Diameter	305x254 mm

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,250 engine rpm with 12.4/11-28 rear tyres	
Gear	Speed (km/hr)
Forward 1 (First low)	2.5
Forward 2	3.7
Forward 3	5.0
Forward 4	6.7
Forward 5 (First high)	10.0
Forward 6	14.7
Forward 7	20.1
Forward 8	27.0
Reverse 1 (Low)	3.4
Reverse 2 (High)	13.6

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position control, Response control, Constant pumping
Pump Type	Reciprocating Ferguson Pump
Oil Flow	16 l/min
Pressure	19.2 MPa
Lift capacity with lower links horizontal	1,415 kg
Lower Links	With Cat. I & II interchangeable balls

FRONT AXLE

Type	Box Section, Adjustable
------	-------------------------

STEERING

Type	Manual
------	--------

REAR AXLE AND BRAKES

Brake Type	Out board drum brakes
Actuation	Mechanical, Independent or locked together

Parking Brake	Hand Lever Operated
Differential lock	Mechanical

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam, Low engine oil pressure, Brake light & Auxiliary socket

TYRES

Front	6.00-16 (6PR)
Rear	12.4/11-28 (6 PR)

TRACK ADJUSTMENT

Front	1,245-1,854 mm
Rear	1,219-1,930 mm

WEIGHT AND DIMENSIONS (Approx.)

(With 6.00-16 front & 12.4/11-28 rear wheel and with full fuel, oil and water)

Gross Weight	1,645 kg
--------------	----------

Dimensions

Wheel base	1,892 mm
Overall length	3,260 mm
Overall width (min.)	1,651 mm

Height

Over exhaust	2,145 mm
Over steering wheel	1,410 mm

Turning circle

With brakes	5,560 mm
Without brakes	6,200 mm

Ground clearance

Under gear box	338 mm
----------------	--------

CAPACITIES

Fuel Tank	47.5 l
Engine sump	6.96 l
Cooling system	10.2 l
Hydraulic system	33.0 l
Steering box	0.7 l
Oil bath air cleaner	0.65 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat-I & II balls, Check chains, Spring suspension seat, Flat top fenders, Operator's and Service manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook, 9 Hole drawbar, Roll Over Protection System (ROPS) & Hydraulic Couplings with Spool Valve.

Note:

Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S MF - 260

"A Multi-Purpose Tractor"

Product Features

- High performance, Fuel Efficient, Diesel Turbocharged Engine.
- Less Smoke Emission due to Better Fuel Burning.
- Oil Cooler Added for Effective Cooling.
- High PTO Power for Efficient Operation of tube Wells, Rotavators, Threshers etc.
- Robust Straddle Rear Axle.
- Efficient Oil Immersed Multi-Disc Brakes.
- Spring Suspension Deluxe Seat.





MILLAT'S

MF 260 Specifications

PERFORMANCE

Engine power at 2,250 rpm	60 (B.S.) hp*
Torque at 1,600 Engine rpm	212 Nm
PTO power at rated engine speed	48 hp**

* Certified to BS AU 141a: (1971)

** Manufacturer's estimate

ENGINE

Type	Diesel / T.3 1524
No. of cylinders	3
Injection	Direct
Bore	91.5 mm
Stroke	127 mm
Capacity (litres)	2.5 l
Aspiration	Turbo
Compression ratio	16.5:1
Starting aid	Thermostat
Throttle control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet
Fuel filter	Dual, high capacity
Exhaust	Vertical
Oil Cooler	Air Cooled, Fin Type

ELECTRICS

Voltage	12V, Negative Earth
Battery	118 Ah
Starter motor	2.2 kW
Alternator	45 Amp.

CLUTCH

Type	Dual
Diameter	305x254 mm

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,250 engine rpm with 14.9/13-28 rear tyres	
Gear	Speed (km/hr)
Forward 1 (First low)	2.6
Forward 2	3.8
Forward 3	5.2
Forward 4	7.0
Forward 5 (First high)	10.4
Forward 6	15.2
Forward 7	20.8
Forward 8	27.9
Reverse 1 (Low)	3.5
Reverse 2 (High)	14.1

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control Position control, Response Control, Constant pumping
Pump Type	Reciprocating Ferguson Pump
Maximum Oil Flow	16 l / min
Pressure	21 MPa at normal operating temperature
Lift capacity at lower links horizontal	2,145 kg.
Lower Links	Cat. I & II with interchangeable balls

FRONT AXLE

Type	Box Section, Adjustable
------	-------------------------

STEERING

Steering	Manual
----------	--------

REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brakes Actuation	Mechanical
Parking Brake	Hand Lever Operated

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, multi-disc Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam, Low engine oil pressure, Brake lights & Auxiliary socket

TYRES

Front	7.50-16 (6PR)
Rear	14.9/13-28 (6 PR)

TRACK ADJUSTMENT

Front	1,245-1,854 mm
Rear	1,423-2,134 mm

WEIGHT AND DIMENSIONS (Approx.)

(With 7.50-16 front and 14.9/13-28 rear wheel and with full fuel, oil and water)

Weight

Gross Weight	1,960 kg
--------------	----------

Dimensions

Wheel base	1,892 mm
Overall length	3,260 mm
Overall width (min)	1,890 mm

Height

Over Exhaust	2,200 mm
Over Steering Wheel	1,490 mm

Turning circle

With brakes	5,840 mm
Without brakes	6,580 mm

Ground clearance

Under gear box	400 mm
----------------	--------

CAPACITIES

Fuel Tank	47.5 l
Engine sump	6.96 l
Cooling system	11.7 l
Hydraulic system	38.0 l
Steering box	0.7 l
Oil bath air cleaner	0.75 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat I & II balls, Check chains, Spring suspension seat, Flat top fenders, & Operator's & Service Manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook, 9 Hole drawbar, Roll Over Protection System (ROPS) & Hydraulic Couplings with Spool Valve.

Note:

Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S

MF - 260 Deluxe

“A Upgraded, Efficient, Comfortable & Multipurpose Tractor”

Product Features

- Hydrostatic Power Steering
- Heavy Duty Front Axle and Spindles
- Heavy Duty Front Tyres (12-PR)
- Heavy Duty Rear Tyres (8-PR)
- Extended Tractor Length/Wheel Base
- Spacious Operator Area with Transmission Cover
- Enhanced Fuel Tank Capacity
- Magnetic Drain Plug
- Sun Canopy
- Rear View Mirror
- Mobile Charging Port
- Heat Shield
- Maintenance Free Battery
- Additional Fuel Filtration System





MILLAT'S

MF 260 Deluxe Specifications

PERFORMANCE

Engine power at 2200 rpm	60 (B.S.) hp*
Torque at 1400 engine rpm	212 Nm
PTO power at rated engine speed	48 hp**

*Certified to BS AU 141a:(1971)

**Manufacturer's estimate

ENGINE

Type	Diesel / T 3.1524
No. of cylinders	3
Injection	Direct
Bore	91.5 mm
Stroke	127 mm
Capacity (liters)	2.5 l
Aspiration	Turbo
Compression ratio	16.5 : 1
Starting aid	Thermostat
Throttle control	Hand and foot
Cooling	Water
Air cleaner type	Oil bath
Air pre cleaner	Over bonnet, air swirl
Fuel filter	Dual, high capacity with fuel sediment
Exhaust	Vertical
Oil Cooler	Water Cooled
Oil drain plug	Magnetic

ELECTRICS

Voltage	12 V, Negative earth
Battery	90 Ah(Maintenance free)
Starter Motor	2.2 Kw
Alternator/Starter	45Amp

CLUTCH

Type	Dual
Diameter	305X254 mm

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2200 engine rpm with 14.9/13-28 tyres	
Gear	Speed (Km/hr)
Forward 1 (First low)	2.6
Forward 2	3.8
Forward 3	5.2
Forward 4	7
Forward 5 (First high)	10.4
Forward 6	15.2
Forward 7	20.8
Forward 8	27.90
Reverse 1 (Low)	3.5
Reverse 2 (High)	14.1

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position control, Response control, Constant pumping
Pump type	Reciprocating pump Ferguson Pump
Oil flow	16 l/min
Pressure	21 MPa at normal operating temperature
Lift capacity with lower links horizontal	2,145 Kg
Lower links	Cat. I & II with interchangeable balls

FRONT AXLE

Type	Box Section, Adjustable
------	-------------------------

STEERING

Steering	Hydrostatic
----------	-------------

REAR AXLE & BRAKES

Axle type	Straddle with epicyclic reduction unit
Brake type	Oil immersed, multi-disc
Brakes actuation	Mechanical
Differential lock	Mechanical
Parking brake	Hand lever operated

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam, Low engine oil pressure, Brake lights & Auxiliary socket

TYRES

Front	7.50-16 (12 PR)
Rear	14.9/13-28 (8 PR)

TRACK ADJUSTMENT

Front axle	1,245-1,584 mm
Rear axle	1,423-2,134 mm

WEIGHT AND DIMENSIONS (APPROX)

(With 7.50-16 Front and 14.9/13-28 rear wheel with full fuel, oil and water)

Weight

Gross Weight	2135 Kg
--------------	---------

Dimensions

Overall length	3,510 mm
Overall width	1,890 mm
Wheel base	2,220 mm

Height

Over exhaust	2,300 mm
Over steering wheel	1,590 mm
Over Sun Canopy	2,410 mm

Turning Circle

With brakes	6,960 mm
Without brakes	8,890 mm

Ground Clearance

Under gear box	415 mm
----------------	--------

CAPACITIES

Fuel tank	50 l
Engine sump	6.96 l
Cooling capacity	11.7 l
Hydraulic system	42.0 l
Steering box	0.75 l
Oil bath air cleaner	0.75 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box, USB Port with set of tools, Top link, Top link end Cat-I & II balls, Wider heat shield, Check chains, Spring suspension seat, Flat top fenders, Operator's and service manual, Sun canopy, Rear view mirror

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook, 9 Hole drawbar, Roll Over Protection System (ROPS) & Hydraulic Couplings with Spool Valve.

Note:

Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S MF 360

“Robust, Reliable & Rugged”

New Features

- Hydrostatic Power Steering.
- Heavy Duty Front Axle & Support.
- Water Cooled - Oil Cooler.
- Longer Wheel Base / Greater Pulling Power.

Other Features

- High Performance, Fuel Efficient, Diesel Turbocharged Engine.
- Robust Straddle Rear Axle with Epicyclic Reduction Unit.
- Efficient Oil-Immersed Multi-Disc Brake System.
- Durable Crown Wheel & Pinion.
- High PTO Power.





MILLAT'S MF 360 Specifications

PERFORMANCE

Maximum engine power	2,250 rpm	60 (B.S.) hp*
Maximum torque at 1,600 engine rpm		212 Nm
Maximum PTO power at rated engine speed		48 hp**

*Certified to BS AU 141a

** Manufacturer's estimate

ENGINE

Make / Type	Diesel / T3.1524
No. of cylinders	3
Injection	Direct
Bore	91.4 mm
Stroke	127.0 mm
Capacity	2.5l
Aspiration	Turbo
Compression ratio	16.5:1
Starting aid	Thermostart
Throttle control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet, air swirl
Fuel filter	Dual, high capacity
Exhaust	Vertical
Oil Cooler	Water Cooled

ELECTRICS

Voltage	12V, Negative Earth
Battery	118 Ah
Starter motor	2.2 kW
Alternator	45 Amp.

CLUTCH

Type	Dual
Diameter	305x254 mm

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,250 engine rpm with 14.9/13-28 rear tyres	
Gear	Speed (km/hr)
Forward 1 (First low)	2.6
Forward 2	3.8
Forward 3	5.2
Forward 4	7.0
Forward 5 (First high)	10.4
Forward 6	15.2
Forward 7	20.8
Forward 8	28.0
Reverse 1 (Low)	3.5
Reverse 2 (High)	14.1

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position control, Response Control, Constant pumping
Pump Type	Reciprocating Ferguson Pump
Maximum Oil Flow	16 l / min
Maximum Pressure	21 MPa at normal operating temperature
Max. lift capacity at lower links horizontal	2,145 kg.
Lower Links	With Cat. I & II interchangeable balls

FRONT AXLE

Type	Box Section, Adjustable
------	-------------------------

STEERING

Type	Hydrostatic
------	-------------

REAR AXLE AND BRAKES

Brake Type	Oil immersed, multi-disc
Brakes Actuation	Mechanical
Axle Type	Straddle axle with Epicyclic Reduction Unit

Parking Brake	Hand Lever Operated
Differential lock	Mechanical

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam, Low engine oil pressure, Brake lights & Auxiliary socket

TYRES

Front	7.50-16 (6PR)
Rear	14.9/13-28 (6 PR)

TRACK ADJUSTMENT

Front	1,275-1,884 mm
Rear	1,438-2,125 mm

WEIGHT AND DIMENSIONS (APPROX)

(With 7.50-16 front & 14.9/13-28 rear wheel and with full fuel, oil and water)

Weight	
Gross Weight	2,025 kg

Dimensions	
Wheel base	2,032 mm
Overall length	3,353 mm
Overall width (min)	1,890 mm

Height	
Over Exhaust	2,236 mm
Over Steering Wheel	1,499 mm

Turning circle	
With brakes	5,867 mm
Without brakes	6,833 mm

Ground clearance	
Under gear box	400 mm

CAPACITIES

Fuel Tank	47.5 l
Engine sump	6.96 l
Cooling system	11.7 l
Hydraulic system	38.0 l
Steering box	1.25 l
Oil bath air cleaner	0.75 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat I & II balls, Check chains, Spring suspension seat, Flat top fenders, Operator's & Service Manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook, 9 Hole drawbar, Roll Over Protection System (ROPS) & Hydraulic Couplings with Spool Valve.

Note:
Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S MF 360 - 4WD

“The Most Powerful 4WD Tractor of Medium Horsepower Range in Pakistan”

Product Features

- Durable & Highly Fuel Efficient Turbocharged Engine
- Longer Wheel Base
- Water Cooled Oil Cooler For Effective Cooling
- Hydraulically actuated Efficient Oil Immersed Multi Disc Brake System
- Robust Straddle Rear Axle With Epicyclic Reduction Unit
- Less Tyre Wear
- New Spring Suspension Deluxe Seat
- Hydrostatic Power Steering
- Smart Steering Wheel for Reduced Steering Effort
- Heavy Duty 4WD Front Axle
- Improved Draw Bar Pull
- Improved Traction





MILLAT'S

MF 360 - 4WD Specifications

PERFORMANCE

Engine power at 2,200 rpm	60 (B.S.) hp*
Torque at 1,400 Engine rpm	221 Nm
PTO power at rated engine speed	48 hp**

*Certified to BS AU 141a
** Manufacturer's estimate

ENGINE

Type	Diesel / T 3.1524
No. of cylinders	3
Injection	Direct
Bore	91.4 mm
Stroke	127 mm
Capacity (litres)	2.5 l
Aspiration	Turbo
Compression ratio	16.5:1
Starting aid	Thermostat
Throttle control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet, air swirl
Fuel filter	Dual, high capacity
Exhaust	Vertical
Oil Cooler	Water Cooled

ELECTRICS

Voltage	12V, Negative Earth
Battery	118 Ah
Alternator/Starter	45A/2.2 KW

CLUTCH

Type	Dual
Diameter	305x254 mm

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,200 engine rpm with 14.9/13-30 rear tyres	
Gear	Speed (km/hr)
Forward 1 (First low)	2.6
Forward 2	3.8
Forward 3	5.2
Forward 4	7
Forward 5 (First high)	10.4
Forward 6	15.2
Forward 7	20.8
Forward 8	28
Reverse 1 (Low)	3.5
Reverse 2 (High)	14.1

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position control, Response Control, Constant pumping
Pump Type	Reciprocating Ferguson Pump
Oil Flow	16 l / min
Pressure	21.2 MPa at normal operating temp.
Lift capacity with lower links horizontal	2,145 kg
Lower Links	Cat. I & II with interchangeable balls

4WD FRONT AXLE

Axle type	Parallel drive
Engagement	Mechanical

STEERING

Type	Hydrostatic
------	-------------

REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brakes Actuation	Hydraulic
Differential lock	Mechanical
Parking Brake	Hand lever operated

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam, Low engine oil pressure, 4WD indication light & Auxiliary socket

TYRES

Front	280/70 R20
Rear	14.9 / 13-28

TRACK ADJUSTMENT

Front Axle	1,430 mm
Rear Axle	1,530 mm

WEIGHT AND DIMENSIONS (Approx.)

(With 280/70 front & 14.9/13-28 rear wheel with full fuel, oil and water)

Weight	
Gross Weight (Approx)	2,328 kg (approx.)

Dimensions

Overall length	3,485 mm
Overall Width	1,890 mm
Wheel base	2,130 mm

Height

Over Exhaust	2,220 mm
Over Steering Wheel	1,585 mm

Turning circle

With brakes	4,690 mm
-------------	----------

Ground clearance

Under gear box	355 mm
Under 4WD front axle	290 mm

CAPACITIES

Fuel Tank	48.0 l
Engine sump	6.96 l
Cooling capacity	11.7 l
Hydraulic system	42 l
Power steering reservoir	1.75 l
Oil bath air - cleaner	0.75 l
Brake Oil	0.25 l
4WD front axle differential	6.5 l
Hub each side	0.7 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat-I & II balls, Check Chains, Spring suspension seat, Flat top fenders, Operator's & Service Manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook, 9 Hole drawbar, Roll Over Protection System (ROPS) & Hydraulic Couplings with Spool Valve.

OPERATOR AREA

Seat	Cushioned
Fenders	Flat top
Tool	Standard

Note:

Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S MF 375

“Enhanced Power to Excel Progress”

Product Features

- Durable & Highly Efficient Low Noise Engine.
- New Aerodynamic look with Stylish Wrapper & Grill.
- Oil Cooler added for Effective Cooling.
- Mid Mounted Bigger Balancer for reduced Engine vibrations and Smooth Running.
- Improved Harness Set with Heat Shrinkage Sleeves & Water Proof Couplers.
- Robust Straddle Rear Axle with Epicyclic Reduction Unit.
- Heavy Duty Front Axle & Support.
- New Spring Suspension Deluxe Seat.
- Hydrostatic Power Steering.
- Smart Steering Wheel for Reduced Steering Effort.
- New Highly Effective Head Lights and Elegant Indicators.
- Hydraulically actuated Efficient Oil Immersed Multi-Disc Brake System.





MILLAT'S

MF 375 Specifications

PERFORMANCE

Engine power at 2,200 rpm	75 (B.S.) hp*
Torque at 1,400 Engine rpm	276Nm
PTO power at rated engine speed	69.5 hp*
PTO power at 540 rpm	63.0 hp**

*Engine certified to BS.AU 141a: (1971)
** Manufacturer's estimate

ENGINE

Type	Diesel / 4.41
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (litres)	4.1
Aspiration	Natural
Compression ratio	15.3:1
Starting aid	Thermostart
Throttle control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet, air swirl
Fuel filter	Dual, high capacity
Exhaust	Vertical muffler under bonnet
Oil Cooler	Water Cooled

ELECTRICS

Voltage	12V, Negative Earth
Battery	118 Ah
Starter Motor	2.8 kW
Alternator	45 Amp.

CLUTCH

Type	Dual
Diameter	305x254 mm
Lining material	Cerametallic

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,250 engine rpm with 16.9/14-30 rear tyres	
Gear	Speed (km/hr)
Forward 1 (First low)	2.65
Forward 2	3.89
Forward 3	5.32
Forward 4	7.14
Forward 5 (First high)	10.82
Forward 6	15.57
Forward 7	21.27
Forward 8	28.56
Reverse 1 (Low)	3.61
Reverse 2 (High)	14.45

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position control, Response Control, Constant pumping
Pump Type	Reciprocating Ferguson Pump
Oil Flow	16.7 l / min
Pressure	21.2 MPa at normal operating temperature
Lift capacity at lower links horizontal	2,145 kg
Lower Links	Cat. I & II with interchangeable balls

STEERING

Type	Hydrostatic
------	-------------

FRONT AXLE

Type	Heavy Duty Box Section, Adjustable
------	------------------------------------

REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Braking Area	1,774 sq.cm
Brakes Actuation	Hydraulic
Parking Brake	Hand lever operated

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam, Low engine oil pressure, Brake lights & Auxiliary socket

TYRES

Front	7.50-16 (6PR)
Rear	16.9/14-30 (6 PR)

TRACK ADJUSTMENT

Front Axle	1,271 - 1,881 mm
Rear Axle	1,423 - 2,134 mm

WEIGHT AND DIMENSIONS (Approx.)

(With 7.50-16 front and 16.9/14-30 rear wheel and with full fuel, oil and water)

Weight	
Gross Weight (Approx)	2,395 kg

Dimensions	
Wheel base	2,170 mm
Overall length	3,670 mm
Width (min.)	1,970 mm

Height	
Over Exhaust	2,485 mm
Over Steering Wheel	1,730 mm

Turning circle	
With brakes	7,260 mm
Without brakes	8,095 mm

Ground clearance (Under gear box)	501 mm
-----------------------------------	--------

CAPACITIES

Fuel Tank	108.0 l
Engine sump	7.66 l
Cooling system	15.2 l
Hydraulic system	38.0 l
Hydrostatic steering reservoir	2.0 l
Oil bath air - cleaner	0.7 l
Brake Oil	0.5 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat I & II balls, Check Chains, Spring suspension seat, Flat top fenders, Operator's & Service Manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook, 9 Hole drawbar, Roll Over Protection System (ROPS) & Hydraulic Couplings with Spool Valve.

Note:

Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S MF 375 - 4WD

“The Best Combination of Fuel Economy & High Pulling Power”

Product Features

- Durable & Highly Fuel Efficient Low Noise Engine.
- New Aerodynamic look with Stylish Wrapper & Grill.
- Oil Cooler added for Effective Cooling.
- Mid Mounted Bigger Balancer for reduced Engine vibrations and Smooth Running.
- Improved Harness Set with Heat Shrinkage Sleeves & Water Proof Couplers
- Robust Straddle Rear Axle with Epicyclic Reduction Unit
- Heavy Duty 4WD Front Axle
- New Spring Suspension Deluxe Seat
- Hydrostatic Power Steering
- Smart Steering Wheel for Reduced Steering Effort
- Hydraulically actuated Efficient Oil Immersed Multi Disc Brake System
- Improved Traction
- Less Tyre Wear
- Improved Draw Bar Pull





MILLAT'S

MF 375 - 4WD Specifications

PERFORMANCE

Engine power at 2,200 rpm	75 (B.S.) hp*
Torque at 1,400 Engine rpm	276Nm
PTO power at rated engine speed	69.5 hp**
PTO power at 540 rpm	63.0 hp**

*Certified to BS AU 141a: (1971)
** Manufacturer's estimate

ENGINE

Type	Diesel / 4.41
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (litres)	4.1
Aspiration	Natural
Compression ratio	15.3:1
Starting aid	Thermostat
Throttle control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet, air swirl
Fuel filter	Dual, high capacity
Exhaust	Vertical muffler under bonnet
Oil Cooler	Water Cooled

ELECTRICS

Voltage	12V, Negative Earth
Battery	118 Ah
Alternator/Starter Motor	45 A / 2.8 kw

CLUTCH

Type	Dual
Diameter	305x254 mm
Lining material	Ceramic

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,200 engine rpm with 16.9/14-30 tyres	
Gear	Speed (km/hr)
Forward 1 (First low)	2.65
Forward 2	3.89
Forward 3	5.32
Forward 4	7.14
Forward 5 (First high)	10.82
Forward 6	15.57
Forward 7	21.27
Forward 8	28.56
Reverse 1 (Low)	3.61
Reverse 2 (High)	14.45

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position control, Response Control, Constant pumping
Pump Type	Reciprocating Ferguson Pump
Oil Flow	16.7 l / min
Pressure	21.2 MPa at normal operating temp.
Lift capacity with lower links horizontal	2,145 kg
Lower Links	Cat. I & II with interchangeable balls

4WD FRONT AXLE

Axle type	Parallel drive
Engagement	Mechanical

STEERING

Type	Hydrostatic
------	-------------

REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake pedal	Pendant
Brake type	Oil immersed, multi-disc
Braking Area	1,774 Sq.cm
Brakes Actuation	Hydraulic
Parking Brake	Hand lever operated
Differential lock	Mechanical

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam, Low engine oil pressure, 4WD indication light & Auxiliary socket

TYRES

Front	11.2 - 24
Rear	16.9 / 14 - 30

TRACK ADJUSTMENT

Front Axle	1,376 - 1,944 mm
Rear Axle	1,423 - 2,134 mm

WEIGHT AND DIMENSIONS (Approx.)

(With 11.2/24 front and 16.9/14-30 rear wheel with full fuel, oil and water)

Weight	
Gross Weight	2,745 kg

Dimensions	
Overall length	3,810 mm
Overall Width	1,970 mm
Wheel base	2,350 mm

Height	
Over Exhaust	2,425 mm
Over Steering Wheel	1,690 mm

Turning circle	
With brakes	8,518 mm

Ground clearance	
Under gear box	425 mm
Under 4WD front axle	370 mm

CAPACITIES

Fuel Tank	108.0 l
Engine sump	7.5 l
Cooling capacity	15.2 l
Hydraulic system	42 l
Hydrostatic steering reservoir	1.75 l
Oil bath air - cleaner	0.75 l
Brake Oil	0.25 l
4WD front axle differential	6.5 l
Hub each side	0.7 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end Cat I & II balls, Check Chains, Spring suspension seat, Flat top fenders, Operator's & Service Manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook, 9 Hole drawbar, Roll Over Protection System (ROPS) & Hydraulic Couplings with Spool Valve.

OPERATOR AREA

Seat	Cushioned
Fenders	Flat top
Tool	Standard

Note:
Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S MF - 385

**“The Long Term Partner
Most Powerful Yet Economical”**

Product Features

- High Performance Diesel Low Noise Engine.
- Reduced Gaseous Emissions under ECE R49.
- Reduced Smoke Level.
- Oil Cooler Added for Effective Cooling.
- Hydrostatic Power Steering.
- Hydraulically Actuated Efficient Oil Immersed Multi-Disc Brake System.
- Spring Suspension Deluxe Seat.
- Easy Accessibility to Service/ Maintenance Points.





MILLAT'S

MF 385 Specifications

PERFORMANCE

Engine power at 2,200 rpm	85 (B.S.) hp*
Torque at 1,600 Engine rpm	300 Nm
PTO power at rated engine speed	70 hp**

* Certified to BS AU 141a: (1971)

** Manufacturer's estimate

ENGINE

Type	Diesel / 4.41
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (litres)	4.1
Aspiration	Natural
Compression ratio	15.3:1
Starting aid	Thermostart
Throttle control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet, air swirl
Fuel filter	Dual, high capacity
Exhaust	Vertical, muffler under bonnet
Oil Cooler	Water Cooled

ELECTRICS

Voltage	12V, Negative Earth
Battery	118 Ah
Starter motor	2.8 kW
Alternator	45 Amp.

CLUTCH

Type	Dual
Diameter	305x254 mm
Lining material	Cerametallic

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,200 engine rpm with 18.4/15-30 rear tyres	
Gear	Speed (km/ph)
Forward 1 (First low)	2.9
Forward 2	4.2
Forward 3	5.8
Forward 4	7.8
Forward 5 (First high)	11.6
Forward 6	17.0
Forward 7	23.13
Forward 8	31.0
Reverse 1 (Low)	4.0
Reverse 2 (High)	15.7

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position control, Response Control, Constant pumping
Pump Type	4 - Piston Ferguson Pump
Oil Flow	16.7 l / min
Pressure	21.2 MPa at normal operating temperature
Lift capacity with lower links horizontal	2,145 kg
Lower Links	Cat. I & II With interchangeable balls

STEERING

Type	Hydrostatic
------	-------------

FRONT AXLE

Type

REAR AXLE AND BRAKES

Axle Type	Straddle axle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Braking Area	1,774 sq.cm
Brakes Actuation	Hydraulic
Parking Brakes	Hand lever operated

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam, Low engine oil pressure, Brake lights & Auxiliary socket

TYRES

Front	7.50-16 (6PR)
Rear	18.4/15-30 (8 PR)

TRACK ADJUSTMENT

Front axle	1,271-1,881 mm
Rear axle	1,423-2,134 mm

WEIGHT AND DIMENSIONS (Approx.)

(With 7.50-16 front & 18.4/15-30 rear and with full fuel, oil and water)

Weight

Gross Weight	2,440 kg
--------------	----------

Dimensions

Wheel base	2,286 mm
Overall length	3,760 mm
Width (min.)	1,870 mm

Height

Over Exhaust	2,485 mm
Over Steering Wheel	1,781 mm

Turning circle

Without brakes	7,502 mm
----------------	----------

Ground clearance

Under gear box	501 mm
----------------	--------

CAPACITIES

Fuel Tank	108.0 l
Engine sump	7.5 l
Cooling system	15.2 l
Hydraulic system	38.0 l
Hydrostatic steering reservoir	1.75 l
Oil bath air cleaner	0.75 l
Brake Oil	0.5 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end, Cat I & II balls, Check chains, Stabiliser chains, Spring suspension seat, Flat top fenders, Operator's & Service Manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook, 9 Hole drawbar, Roll Over Protection System (ROPS) & Hydraulic Couplings with Spool Valve.

OPERATOR AREA

Seat	Cushioned
Operator Platform	Spacious with Transmission Cover
Fenders	Flat top
Tool	Standard

OTHER ACCESSORIES

Mobile Charger, Rear View Mirror, Improved Heat Shield, Magnetic Drain Plug, Cover Transmission,

Note:

Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S MF - 385 Deluxe

**“Added Safety, Road Grip,
Power & Length”**

Product Features

- Heavy Duty Lower Links
- Lift Capacity increased with Lift Assister
- Rear Wheel weights
- Extended Tractor Length/Wheel Base
- Bigger & Heavy Duty Front Tyres (12-PR)
- Heavy Duty Rear Tyres (18-PR)
- Durable Damper Clutch Plate
- Spacious Operator Area with Transmission Cover
- Magnetic Drain Plug
- Sun Canopy
- Rear View Mirror
- Mobile Charging Port
- Wider Heat Shield
- Maintenance Free Battery





MILLAT'S

MF 385 Deluxe Specifications

PERFORMANCE

Engine power at 2,200 rpm	85 (B.S.) hp*
Torque at 1,400 Engine rpm	300 Nm
PTO power at rated engine speed	70 hp**

* Certified to BS AU 141a: (1971)

** Manufacturer's estimate

ENGINE

Type	Diesel / 4.41
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (litres)	4.1
Aspiration	Natural
Compression ratio	15.3:1
Starting aid	Thermostart
Throttle control	Hand and foot
Cooling	Water
Air Cleaner Type	Oil bath
Air Pre-Cleaner	Over bonnet, air swirl
Fuel filter	Dual, high capacity
Exhaust	Vertical, muffler (under bonnet)
Oil Cooler	Magnetic

ELECTRICS

Voltage	12V, Negative Earth
Battery	90 Ah (Maintenance free)
Starter motor	2.8 kW
Alternator	45 Amp.

CLUTCH

Type	Dual (Damper)
Diameter	305x254 mm
Lining material	Cerametallic

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, 2 reverse
Road speed at 2,200 engine rpm with 18.4/15-30 rear tyres	
Gear	Speed (km/ph)
Forward 1 (First low)	2.9
Forward 2	4.2
Forward 3	5.8
Forward 4	7.8
Forward 5 (First high)	11.6
Forward 6	17.0
Forward 7	23.13
Forward 8	31.0
Reverse 1 (Low)	4.0
Reverse 2 (High)	15.7

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6
Ball Bearing	Heavy Duty

HYDRAULICS

Functions	Draft control, Position control, Response Control, Constant pumping
Pump Type	Reciprocating pump Ferguson Pump
Oil Flow	16.7 l / min
Pressure	21.2 Mpa at normal operating temperature
Lift capacity with lower links horizontal	2,529 kg
Lower Links	Cat. I & II With balls Heavy duty links and fork rod

STEERING

Type	Hydrostatic
------	-------------

FRONT AXLE

Type	Heavy Duty Box Section, adjustable
------	------------------------------------

REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Braking Area	1,774 sq.cm
Brakes Actuation	Hydraulic
Parking Brakes	Hand lever operated
Differential lock	Mechanical

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Battery condition & Water temperature
Warning lights	Direction indicators, Electric charge, Headlight main beam, Low engine oil pressure, indication lights & Auxiliary socket

TYRES

Front	7.50-20 (12-PR)
Rear	18.4/15-30 (18 PR)

TRACK ADJUSTMENT

Front axle	1,271-1,881 mm
Rear axle	1,423-2,134 mm

WEIGHT AND DIMENSIONS (Approx.)

(With 7.50-20 front & 18.4/15-30 rear and with full fuel, oil and water)

Weight

Gross Weight	2,822 kg
--------------	----------

Dimensions

Wheel base	3,910 mm
Overall length	1,910 mm
Width (min.)	2,350 mm

Height

Over Exhaust	2,745 mm
Over Steering Wheel	1,785 mm

Turning circle

Without brakes	9,370 mm
----------------	----------

Ground clearance

Under gear box	501 mm
----------------	--------

CAPACITIES

Fuel Tank	108.0 l
Engine sump	7.5 l
Cooling system	15.2 l
Hydraulic system	42.0 l
Hydrostatic steering reservoir	2.0 l
Oil bath air cleaner	0.75 l
Brake Oil	0.5 l

STANDARD EQUIPMENT

Weight frame, Sun canopy, Rear Counter Weights(200kg), Standard tool box with set of tools, Top link, USB port Top link end Cat-1 & II balls, Check chains, Stabiliser chains, Spring suspension seat, Flat top fenders, Rear view mirror, Operator's and service manual, Wider heat shield

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook, 9 Hole drawbar, Roll Over Protection System (ROPS) & Hydraulic Couplings with Spool Valve.

OPERATOR AREA

Seat	Cushioned
Operator Platform	Spacious with Transmission Cover
Fenders	Flat top
Tool	Standard

OTHER ACCESSORIES

Mobile Charger, Rear View Mirror, Improved Heat Shield, Magnetic Drain Plug, Cover Transmission,

Note:

Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S MF - 385 4WD

“The Strongest Tractor made in Pakistan”

Compared to 2WD Delivers:

- 30 % More → TRACTION
- 16 % More → DRAWBAR POWER
- 34 % More → DRAWBAR PULL
- 15 % Less → TYRE WEAR
- 15 % More → FUEL EFFICIENCY
- 13 - 20 % More → FIELD WORK SPEED



**MILLAT'S**

MF 385 4WD Specifications

PERFORMANCE

Engine power at 2,200 rpm	85 (B.S.) hp*
Torque at 1,600 engine rpm	300Nm
PTO power at 2,200 engine rpm	70hp**

*Certified to BS AU 141a: (1971)
**Manufacturer's estimate

ENGINE

Type	Diesel / 4.41
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (litres)	4.1
Aspiration	Natural
Compression ratio	15.3:1
Starting aid	Thermostart
Throttle control	Hand & foot
Cooling	Water
Air cleaner type	Oil bath
Air pre cleaner	Over bonnet,
Fuel filter	Dual, high capacity with sendimentor
Exhaust	Vertical, muffler under bonnet
Oil Cooler	Water Cooled

ELECTRICS

Voltage	12 Volt, Negative Earth
Battery	118 Ah
Alternator / Starter	45 A / 2.8 kw

CLUTCH

Type	Dual
Diameter	305mm x 254 mm
Lining material	Cerametallc

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, and 2 reverse
Road speed at 2,200 engine rpm with 18.4/15-30 rear tyres	
Gear	Speed (km/ph)
Forward 1 (First low)	2.9
Forward 2	4.2
Forward 3	5.8
Forward 4	7.8
Forward 5 (First high)	11.6
Forward 6	17.0
Forward 7	23.13
Forward 8	31.0
Reverse 1 (Low)	4.0
Reverse 2 (High)	15.7

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6

HYDRAULICS

Functions	Draft control, Position Control, Response control, Constant pumping
Pump Type	4 Piston, Ferguson Pump
Maximum Oil Flow	16.7 l/min
Maximum Pressure	21. MPa (205 bars) at normal operating temperature
Lift capacity with lower links horizontal	2,145 kg
Lower Links	Cat. I & II With interchangeable balls

STEERING

Type	Hydrostatic
------	-------------

4 WD FRONT AXLE

Axle Type	Parallel drive
Engagement	Mechanical

REAR AXLE & BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Braking area	1,774 sq.cm
Brakes Actuation	Hydraulic
Parking brake	Hand lever operated

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Water temperature & Battery Condition
Warning lights	Direction indicators, Electric charge, Head light main beam, Low engine oil pressure, 4WD indication light & Auxiliary socket

TYRES

Front	12.4 / 11 - 24 (12PR)
Rear	18.4 / 15 - 30 (8PR)

TRACK ADJUSTMENT

Front Axle	1,376-1,944 mm
Rear Axle	1,423-2,134 mm

WEIGHTS AND DIMENSIONS (Approx.)

(With 12.4/11-24 Front & 18.4/15-30 rear wheel with full fuel, oil & water)

Weight	
Gross Weight	2,790 kg
Dimensions	
Overall length	3,810 mm
Overall Width (min.)	1,871 mm
Wheel base	2,350 mm
Height	
Over exhaust	2,485 mm
Over steering wheel	1,781 mm
Turning Circle	
Without brakes	8,518 mm
Ground Clearance	
Under gear box	501 mm
Under 4WD front axle	395 mm

CAPACITIES

Fuel Tank	108.0 l
Engine sump	7.5 l
Cooling system	15.2 l
Hydraulic system	42.0 l
Power steering reservoir	1.75 l
Oil bath air-cleaner	0.75 l
Brake Oil	0.5 l
4WD front axle differential	6.5 l
Hub each side	1.0 l

STANDARD EQUIPMENT

Weight frame without weights, Standard tool box with set of tools, Top link, Top link end, Cat I & II balls, Check chains, Stabiliser Chains Spring suspension seat, Flat top fenders Operator's & Service manual.

OPTIONAL EQUIPMENT

Front end weights, Swinging drawbar, Sun Canopy, Pintle hook and 9 Hole drawbar.

OPERATOR AREA

Seat	Cushioned
Fenders	Flat top
Tool	Standard

Note:

Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S MF - 385 4WD Deluxe

**“Increased Strength, Stability,
Convenience & Performance”**

Product Features

- Heavy Duty Lower Links
- Lift Capacity increased with Lift Assister
- Rear Wheel Weight
- Durable Damper Clutch Plate
- Front Wheel Mudguards
- Heavy Duty Rear Tyres (18-PR)
- Magnetic Drain Plug
- Sun Canopy
- Rear View Mirror
- Mobile Charging Port
- Wider Heat Shield
- Maintenance Free Battery





MILLAT'S

MF 385 4WD Deluxe Specifications

PERFORMANCE

Engine power at 2,200 rpm	85 (B.S.) hp*
Torque at 1,400 engine rpm	300Nm
PTO power engine rpm	70hp**

*Certified to BS AU 141a: (1971)
**Manufacturer's estimate

ENGINE

Type	Diesel / 4.4 l
No. of cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (litres)	4.1
Aspiration	Natural
Compression ratio	15.3:1
Starting aid	Thermostart
Throttle control	Hand & foot
Cooling	Water
Air cleaner type	Oil bath
Air pre cleaner	Over bonnet, Air Swirl
Fuel filter	Dual high capacity
Exhaust	Vertical, muffler under bonnet
Oil Cooler	Water Cooled
Oil drain plug	Magnetic

ELECTRICS

Voltage	12 Volt, Negative Earth
Battery	90 Ah (Maintenance Free)
Alternator / Starter Motor	45 A / 2.8 kw

CLUTCH

Type	Dual (Damper)
Diameter	305mm x 254 mm
Lining material	Cerametalllic

TRANSMISSION

Type	Sliding spur
Number of gears	8 forward, and 2 reverse
Road speed at 2,200 engine rpm with 18.4/15-30 rear tyres	
Gear	Speed (km/ph)
Forward 1 (First low)	2.9
Forward 2	4.2
Forward 3	5.8
Forward 4	7.8
Forward 5 (First high)	11.6
Forward 6	17.0
Forward 7	23.13
Forward 8	31.0
Reverse 1 (Low)	4.0
Reverse 2 (High)	15.7

POWER TAKE OFF

Type	Live
Engine speed at 540 PTO rpm	1,789 rpm
Shaft diameter	35 mm
No. of splines	6
Ball Bearing	Heavy Duty

HYDRAULICS

Functions	Draft control, Position Control, Response control, Constant pumping
Pump Type	Reciprocating Ferguson Pump
Oil Flow	16.7 l /min
Pressure	21.2 MPa at normal operating temperature
Lift capacity with lower links horizontal and assistors arms	2,529kg
Lower Links	Cat.II Fixed balls Heavy duty links and fork rod

STEERING

Type	Hydrostatic
------	-------------

4 WD FRONT AXLE

Axle Type	Parallel drive
Engagement	Mechanical

REAR AXLE & BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Braking area	1,774 sq.cm
Brakes Actuation	Hydraulic
Parking brake	Hand lever operated
Differential Lock	Mechanical

INSTRUMENTATION

Gauges	Tachometer, Hourmeter, Fuel level, Water temperature & Battery Condition
Warning lights	Direction indicators, Electric charge, Head light main beam, Low engine oil pressure, 4WD indication light & Auxiliary socket

TYRES

Front	12.4 / 11 - 24 (12PR)
Rear	18.4 / 15 - 30 (18PR)

TRACK ADJUSTMENT

Front Axle	1,376-1,944 mm
Rear Axle	1,423-2,134 mm

WEIGHTS AND DIMENSIONS (Approx.)

(With 12.4/11-24 Front & 18.4/15-30 rear wheel with full fuel, oil & water)

Weight	
Gross Weight	3,125 kg
Dimensions	
Overall length	3,810 mm
Overall Width (min.)	1,871 mm
Wheel base	2,350 mm
Height	
Over exhaust	2,725 mm
Over steering wheel	1,781 mm
Turning Circle	
Without brakes	8,518 mm
Ground Clearance	
Under gear box	501 mm
Under 4WD front axle	395 mm

CAPACITIES

Fuel Tank	108.0 l
Engine sump	7.5 l
Cooling system	15.2 l
Hydraulic system	42.0 l
Power steering reservoir	1.75 l
Oil bath air-cleaner	0.75 l
Brake Oil	0.25 l
4WD front axle differential	6.5 l
Hub each side	0.7 l

STANDARD EQUIPMENT

Weight frame without weights, Standard top box with set of tools, Top link, Top link end Cat-I & II balls, Check chains, Stabilizer chain, Spring suspension seat, Flat top fenders, Front fenders, Sun canopy, Operator's and service manual, Rear view mirror, Wider heat shield, USB port, Rear weights.

OPTIONAL EQUIPMENT

Swinging drawbar, Pintle Hook

OPERATOR AREA

Seat	Cushioned
Fenders	Flat top
Tool	Standard
Operator Platform	Spacious

Note:

Millat Tractors Ltd. reserve the right to change specifications without prior notice.



MILLAT'S MF 455 XTRA

“The King of the Fields”

Product Features

- CBU Imported.
- Most Economical in 100 HP Range.
- Simple Yet Powerful Machinery from Massey Ferguson
- Rugged, Maneuverable and Compact.
- After Sales Services Available throughout the Country.
- Operator Training Facility.
- Availability of Spare Parts & Service Facilities.
- One Year Warranty.



**MILLAT'S**

MF 455 Specifications

PERFORMANCE

Max Hp (kW)	● ISO hp (kW)	100 (74)
Max Torque	@ 1400 rpm	415
Rated engine speed		2200

ENGINE

Type		1104.4C
No. of cylinders		4
Capacity	cc	4400
Aspiration		Turbo

TRANSMISSION

12 x 4 Side Shift	●
-------------------	---

POWER TAKE OFF

Live Single Speed	●
-540 rpm	
IPTO Single Speed	●/○
-540 rpm	
IPTO Single Speed	○
-540/1000 rpm	

HYDRAULICS

3-Ponit Linkage Control		Mechanical
Lift Capacity	max kgf	2500
Oil Flow	liters/min	17
System Pressure	bar	210
Auxiliary Hydraulics		
Oil Flow	liters/min	42
System Pressure	bar	170

STEERING

Hydrostatic	●
-------------	---

SPOOL VALVES

Capacity	Cab/Platform	●	2 Valves
		●	1 Valves

BRAKES

Type	oil immersed
------	--------------

STANDARD WHEELS AND TYRES

Front 2wd/4wd	9.00-16/14.9-24
Rear	18.4-34

WEIGHTS AND DIMENSIONS

Without Ballast Cab/Platform	kg	4,460/4,070
Length	mm	4,270
Height Over Exhaust	mm	2,640
Wheel Base	mm	2,370

CAPACITIES

Fuel Tank	Liters	100.0
Engine oil	Liters	8.0
Transmission oil	Liters	46.0

For even greater productivity a range of optional equipments is available including front weights, rear-wheel weights, two - post folding ROPS frame. For full details please consult your Massey Ferguson dealer.

- = Standard
- = Optional
- = Not applicable/available
- = ISO TR14396

**MASSEY FERGUSON**

Every effort has been made to ensure that information contained in this publication is as accurate and current as possible. However, inaccuracies errors or omissions may occur and details of the specification may be changed at any time without notice. Therefore, all specification should be confirmed with your Massey Ferguson Dealer or Distributor prior to any purchase.



MILLAT TRACTORS LIMITED



MILLAT TRACTORS LIMITED

Chapter - 2

MILLAT

Tractor Attachments & Agri - Implements



JF92Z10 FODDER HARVESTER

(with single row Maize Head)

“One of the Top Selling Forage Harvester in the world”

FEATURES

- Imported from world renowned “JF”, Brazil, supported by after sale services, warranty, availability of spare parts & driver training by Millat Tractors Limited.
- Directly harvests and chops (sown in row) fodders like Maize, Sorgham, sugar cane etc.
- Also suitable to cut and chop cotton sticks from the fields.
- Options for highest variety of chop sizes
- Fast and easy change of chop size due to robust and well built gear box.



JF 92Z10

SPECS

Capacity (ton/h)	up to 26
Chop sizes (mm)	12 (2 to 22)
Number of rotors	1
Number of knives	10
Power Source	Tractors PTO power
Required PTO power (hp)	50 and above
Required RPM at PTO	540
Compatible Tractors	MF 375, MF385

JF 1300 GRASS HEAD

(Attachable with JF 92Z10)

More Forage, More Profit

FEATURES

- JF 1300 Grass Head is attached with JF 92Z10 for field operations. The combination of JF 92Z10 with JF 1300 guarantees superior quality output and chopping uniformity.
- The cutting and gathering is performed by a resistant 3-disc cutter bar and its transmission is safe, simple and heavy duty.
- Imported from world renowned “JF”, Brazil, supported by after sale services, warranty, availability of spare parts & driver training by Millat Tractors Limited.
- Application: spread grass, oat, barley, alfalfa (Barseen, Lusan), Jae and others.

SPECS

Application	Spread and wilted grass, oat, barley, alfalfa and others
Maximum capacity (ton/h)	up to 30
Recommended power at PTO (hp)	50 and above
Required revolution at PTO (rpm)	540
Attachable to	JF92Z10
Working width	1.30m
Weight	250 kg
Compatible Tractors	MF 375, MF 385

JF 1300





MILLAT JF 1000 AT

(Attachable with JF 29Z10)

“Fodder Harvesting Machine”

“Now it’s more convenient to make silage”

FEATURES:

- JF 1000 AT head is attachable with JF 92 Z10.
- JF 1000 AT can also be purchased separately.
- Cuts and makes fodder of crops sown in rows or through broadcasting.
- Useful for harvesting and making fodder of Millet, Maize, Sorghum, Sugarcane, Oats etc.
- Imported from world renowned “JF”, Brazil, supported by after sale service, warranty, availability of spare parts and operator training by Millat Tractors Limited.



SPECIFICATIONS

Attachable with	JF 92 Z10
Capacity	Up to 35 ton/h
Culture	Millet, Maize, Sorghum, Sugarcane, Oats etc.
Power Source	Tractor PTO
Recommended Power at PTO	60 to 70 hp
Required Revolution at PTO	540 RPM
Working Width	1 Meter
Compatible Tractors	MF 375 & MF 385



JF 60 MAXXIUM S3 (CHOPPER)

(Tractor PTO Powered)

“The Most Productive and Reliable Ones in the Market”

FEATURES

- Imported from world renowned “JF”, Brazil, supported by after sale service, warranty, & availability of spare parts by Millat Tractors Limited.
- JF 60 Maxxium S3 Chopper chops grass, sunflower, sugar cane, maize and sorghum with excellent uniformity of particles, besides being machines with simple operation and maintenance.
- High cut size uniformity with size: 5 and 13 mm or 8 and 13 mm (Cut sizes 8 and 13 mm are optional)
- Easy and quick handling



SPECS

Productivity	5,000 to 16,500 kg/h
Cut Sizes	5 and 13/8 and 13mm
Number of blades	4
Version	3-point accessory for tractor

Compatible Tractors MF 240, MF 350 Plus

JF 60 Maxxium (Chopper)

(Operates with Electric Motor/Peter Engine)

The Most Productive and Reliable Ones in the Market

FEATURES

- Imported from world renowned “JF”, Brazil, supported by after sale service, warranty, & availability of spare parts by Millat Tractors Limited.
- JF 60 Maxxium Chopper chops grass, sunflower, sugar cane, maize and sorghum with excellent uniformity of particles, besides being machines with simple operation and maintenance.
- High cut size uniformity with size: 5 and 13 mm or 8 and 13 mm (Cut sizes 8 and 13 mm are optional)
- Easy and quick handling

SPECS

Productivity	5,000 to 16,500 kg/h
Cut Sizes	5 and 13/8 and 13mm
Number of blades	4
Required electric motor power	20 to 35 cv
Version	Base for electric motor Base for diesel engine





WHEAT STRAW CHOPPER

"An Eco - Friendly and Profitable Partner"



Millat Wheat Straw Chopper is a resource conservation technology that makes chaff (*toori*) from combine-harvested wheat straw and protects the environment from smoke pollution/smog which is created from burning of residual straw of various crops. This machine is powered by tractor's PTO. Wheat Straw Chopper is a profitable machine for the farmers and dairy industry alike.

Main Features

- Strong Structure and quality material with MIG welding.
- 2-3 Trolley filling capacity in one hour.
- Stone Trip to prevent stone entry.
- Heavy duty Transmission Gear & Chassis.
- Stoving Paint on Straw Chopper according to European standards.
- Much superior than Indian makes.
- Spare parts are easily interchangeable & available with back up support & warranty of Millat Tractors Limited.

SPECIFICATIONS:

Wheel	7-50-16
Number of blowers	02
Weight	2010 kg (Approx.)
Number of blades in thresher	288
Number of cutter bar blades	29
Number of Basket Blades	35
Required PTO rpm	540
Tractor Compatibility	75hp & above
Diameter of Thresher Drum	780 mm
Length	3670mm
Max. Width	2310mm
Height	2130mm



MILLAT LASER LAND LEVELER

“The Right Step towards Great Progress”

Minimizes the cost of operation, Ensures better degree of accuracy in much lesser time. Saves irrigation water. Ascertains uniform seed germination. Increases fertilizer effectiveness and resultantly enhances crop yield.



TRANSMITTER
M1000A USA



RECEIVER
367 SB USA



CONTROL BOX
MEI 312 USA



HYDRAULIC KIT
ITALY

SALIENT FEATURES:-

- Backed by Millat Guarantee
- Range : Diameter 1 Km (Approx.)
- Reliable Fully Automatic Transmitter
- Durable, Shock Proof Big Screen Receiver
- Control Box with Manual of Automatic Settings
- Provision of Slope
- Heat Resistance & Water Proof



MILLAT LASER LAND LEVELER

Specifications

TRANSMITTER (MEI - USA; Model: M1000A)

Heat Resistant (up to 60 ° C) and Water Proof

- Tripod Mounting System
- Working Area: Diameter: 1000m/1 Km (Approx.)
- Provision of Slope: 1mm to 10 ft
- Accuracy: ± 1.5mm
- Self-Leveling Range: Horizontal: ± 5°
- Rotating Speed: 600-1200 rpm
- Operating Time: - With battery: 65hrs
- With dry cells: 25hrs

RECEIVER (MEI - USA; Model: 367 SB)

Extremely Durable: Internally Protected from Shock & Vibration

- Beam Detecting Angle: 360 °
- Height: 8" (203 mm)
- Water Resistant & Dust Proof
- No. of Channels 7
- Super Bright LED Display
- Two Intensities: (1) Super Bright for high ambient light levels (2) Softer for Low light
- Power Source: 12/24 V DC

CONTROL BOX (MEI - USA; Model: MEI 312)

Heat, Water and Dust Resistant

- Fully Automatic Blade Control for Precision Grading
- Manual and Automatic Control
- On Grade Accuracy Selection
- Operating Temperature: -15 °C to 60 °C
- Operating Voltage: 12V DC
- Weight: 1.5kg

HYDRAULIC KIT

(BREVINI ITALY)

LASER SCRAPPER

Dimensions:

- Overall Length: 4,400 mm (14.4ft)
- Overall Width: 2,570 mm (8.4ft)
- Overall Height: 2,000 mm (6.5ft)
- Approx. Weight: 900 -1000 kg
- Tyres: 04 Nos.
- Size: 6.50-14 (6PR)

COMPATIBLE TRACTORS

MF 375 (75 HP); MF 385 (85 HP)



THE BALER MF - 1840

"A Real Investment which Pays off"



The MF 1840 center-line baler goes strength to strength, thanks to its popular design and well established reputation as the perfect small, square baler. Whether you bale a few hectares a year for your own livestock, or produce thousands of bales annually in a commercial operation, the MF 1840 will fit your requirement and budget perfectly.

SPECIFICATIONS:

Bale Size	14" x 18" Height: 356 mm x Width: 457 mm
Bale Length	305 mm to 1321 mm
Bale Weight	20-35 Kg
Crops	Straw, Hay, Low moisture haylage
Power Requirement	Recommended 60 PTO hp
Working Pickup Width	1.9 m
Density Control	Manual Springs or Hydraulic
Options	Hydraulic pickup lift, automatic hydraulic bale tension, trailer hitch



CHISEL PLOUGH

“The Hard Pan Breaker”



The Chisel Plough is primary tillage deep plough, working upto 20” to ensure development of crop root system at proper depth and environment. It is an ideal implement where top soil is fertile but subsoil is not productive. The Chisel Plough increases natural fertility of soil as deep tillage provides enough circulation of air, moisture, and sunlight into soil.

For full penetration in the first pass, a 50 to 85 hp tractor would be required. A medium (50 hp) tractor will plough 12” in the first pass and full 20” depth will be attained in the second pass.

With only one central tine fitted it can work as a subsoiler and upto maximum depth for breaking of hard pan even with 50 hp tractor. Yield per acre can be increased considerably by deep ploughing for wheat, cotton and sugar cane crops. Best fruit orchards growth is ensured by deep tillage before tree plantation. In rain-fed areas, the Chisel Plough is an ideal implement because without disturbing top soil it shatters the subsoil portion of land, maintaining moisture contents for longer periods and safe-guarding against water and wind erosion of top soils.

SPECIFICATIONS:

1. Heavy steel box V-type frame without any nut and bolt.
2. Three easily replaceable tines designed to penetrate upto 20” with out much effort.
3. Shovels easily replaceable.
4. Working width 1.1 Meters.
5. Tractor compatibility. 50 - 85 HP

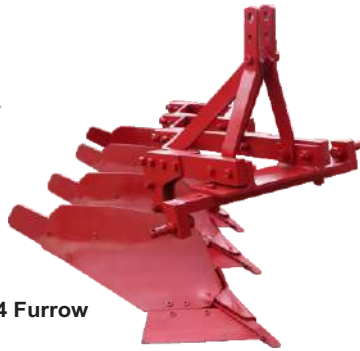


MOULD BOARD PLOUGH

“Turns the Good Side Up”



3 Furrow



4 Furrow

The most important plough for primary tillage in canal irrigated or heavy rain areas where there is too much weeds growth. The objective for ploughing with a Mould Board is to completely invert and pulverize the soil, up-root all weeds, trash and crop residues and bury them under the soil.

The shape of Mould Board is designed to cut down the soil and invert it to right side completely burying the undesired growth which is subsequently turned into manure after decomposition.

SPECIFICATIONS:

Models	MT-02 (M)	MT-02
Max. Depth	25 cms	25 cms
Working Width	90 cms	120 cms
Tractor Compatibility	60 Plus HP	75 Plus HP
Linkage Category	II	50-85 HP



DISC PLOUGH

“The Catalyst of Change”



Used for deep ploughing in root-infested, sticky, stony, and hard soils. Mixes remains of crops and weeds throughout the depth of ploughing, hence ideal for rain-fed areas for checking soil erosion by water and wind.

- Spring loaded floating rear furrow wheel controls the side draft to ensure straight work and ease of handling by smaller tractor.
- Re-greasable Taper Roller Bearings in disc hubs.
- Disc angle adjustable to vary the penetration with varying soil conditions.
- Cat I & II linkage.
- Disc Scrapers are adjustable to ensure that the Discs remain clean in all conditions.

SPECIFICATIONS:

Frame Type	Tubular Seamless Steel Pipe
Number of furrow	3, 3 + 1
Furrow width	254 mm
Max. working depth	300 mm
Longitudinal clearance	522 mm
Furrow wheel dia	508 mm
Plain discs	660 mm - inside or outside bevel
Bearings	Taper roller
Weight	320 kg (3 Furrow)
Tractor Compatibility	50 to 85 HP.



TINE TILLERS

“The Most Popular Plough”



- Ideal for general cultivating, weeding, pasture renovating and preparing seedbeds.
- The tiller is available in 4 widths: 9, 11, 13 and 15 tines. The tiller is fully mounted on the tractor by means of Category I or II three point hitch pins.
- The spring-loaded tines swing back under break-away pressure of 163 Kg: pass over the obstruction and return to the working position without affecting the working depth of the implement.
- The continual flexing action of the tines shatters the soil breaking up the clods.
- The tiller is fitted with 51 mm reversible shovels which are designed for deep penetration.
- A working depth upto 229 mm is possible in most soils and is simply controlled while sitting on the tractor seat.

SPECIFICATIONS:

Number of Tines	9	11	13
Linkage Category	I	I & II	I & II
Frame	Round steel torsion tubes	Round steel torsion tubes	Round steel torsion tubes
Overall Width	2180 mm	2400 mm	3000 mm
Overall Length	813 mm	813 mm	813 mm
Tine Spacing	229 mm	229 mm	229 mm
	460 mm	460 mm	460 mm
Overall Height	1.02 m	1.02 m	1.02 m
Cultivating Width	1880 mm	2590 mm	2790 mm
Max. working depth	229 mm	229 mm	229 mm
Weight	220 Kgs	270 Kgs	350 Kgs
Settings			
Type of Tines	Spring loaded - 51 mm reversible point shovels		
Tractor Compatibility	50-60 HP	50-60 HP	60-85 HP



FOLDING TINE TILLERS

“Safe, Convenient & Dependable”



Millat's Folding Tine Tillers are being introduced to our valued customers for the first time in Pakistan. The spring loaded folding cultivators are available in 11, 13 & 15 tines. Best quality parameters are strictly followed in its production to provide optimum strength. The tines are forged with reversible shovels of high carbon (hc) steel. The folding feature makes it safe for transportation on and off the field.

SPECIFICATIONS:

Number of Tines	7+4=11Tines	9+4=13 Tines	11+4=15 Tines
Linkage Category	I & II	I & II	I & II
Frame	Stronger “C” Channel		
Tine Spacing	229mm	229mm	229mm
Max. Working Depth:	229mm	229mm	229mm
Overall Height	1.02m	1.02m	1.02m
Type of Tines shovels	Spring Loaded - 51mm reversible point shovels		
Tractor Compatibility	50-60hp	60-75hp	85hp & above



OFFSET DISC HARROWS

MOUNTED CUM TRAILED

“Your Farming Friend”



The Offset Disc Harrow has a heavier weight per Disc and thus has the penetration ability to break down large clods normally left after disc ploughing or Chisel Ploughing in hard grounds. It is of robust construction, used as mounted or trailed and ideal for chopping and mixing of stubbles and crop residues in the soils.

The Disc Harrow prepares the seed-bed leaving the soil in granular form which is the most suitable structure for plant growth. It aerates the soil, helps to conserve moisture for longer periods and eradicate weeds.

In sandy loam soils, this implement can also be used as primary tillage implement. The depth of ploughing is regulated simply by manipulating the offset angles of the gauges. By removing simply a pin, the mounted position can be converted into trailed position and vice versa.

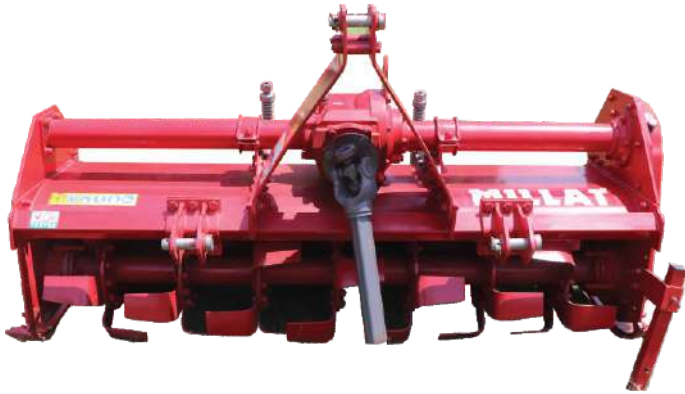
SPECIFICATIONS:

Models	MT-03 (M)	MT-03 (H)
No. of Discs.	14 Discs	16 Discs
Disc Size	61 cm (24")	61 cm (24")
Weight.	430 Kgs.	525 Kgs.
Working width.	145 cm (57")	167.5 cm (66")
Tractor Compatibility	50 HP	60-85 HP.



MILLAT ROTAVATOR

“The Magic Soil Mixer“



PRODUCT DETAIL:

Blades No.	Working Width	Overall Width	Weight in kg	Working Depth	Suitable Tractors	PTO R.P.M
36	140cm	167cm	480kg	15cm	MF-240, MF-350 Plus.	540
42	164cm	190cm	505kg	15cm	MF-240, MF-350 Plus, MF-260.	540
48	188cm	213cm	530kg	15cm	MF-260, MF-360.	540
54	214cm	236cm	555kg	15cm	MF-260, MF-360, MF-375.	540
60	234cm	260cm	580kg	15cm	MF-375, MF-385.	540
66	258cm	284cm	605kg	15cm	MF-375, MF-385.	540

- Stoving Paint on Rotavator according to European standard
- Strong Structure and good material with MIG welding.
- 3 Gears side transmission (European standard).
- Waterproof seals in rotor hub (NOK Japan).
- High Quality tempered Blades hardness 45 3 HRC
- Good soil refinement.
- It adds 7% to your crop quality.
- 35% Low fuel Consumption.



RICE PUDDLER

**“The 3 in 1 Solution for
Rice Field Preparation”**



Benefits

1. Millat Rice Puddler saves the time and diesel by 50%.
2. It saves water and increases production due to better field preparation.
3. Millat Puddler is the only substitute for all combinations like cultivator, rotavator and trailing board.
4. It needs only one cycle in field to gain best quality rice puddling.

Features

1. Front tines dig the soil, the puddler puddles the soil and the trailing board keeps the soil in the level.
2. As there is no PTO shaft, there is no load on tractor.
3. It takes 20-25 minutes to prepare one acre to cultivate rice.

SPECIFICATIONS:

Length: 87 Inch Width: 38 Inch Height: 41 Inch

No. of Tines: 06 Nos.

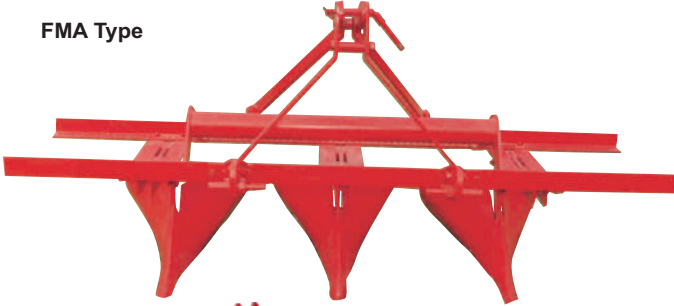
Suitable MF 240, MF 350 Plus or any 50 hp tractor.



RIDGER

“Accuracy in Agriculture Pattern”

FMA Type



Tool Bar Type



Used for making ridges for planting tobacco, potato and other vegetables. The ridger is fully adjustable for giving different accurate row widths.

To obtain the correct ridge profile and retain soil flow, the high grade mould boards are adjustable.

The ridger can also be used for earthing up the crops sown in rows.

SPECIFICATIONS:

Max. Row Spacing	650 mm
Overall width	78”
Tractor Compatibility	50-85 HP



POST HOLE DIGGER

"To Plant Millions of Trees"



- Post Hole Digger is a PTO driven machine that digs holes in rows on equal distances mechanically and economically.
- Best suited for tree plantation.
- Also can be used for hole making for electric poles and farm hedges.
- It can dig about 90 cm deep hole of even diameter in just 30 seconds.
- By detaching Augers, it can be used as a small crane.

SPECIFICATIONS:

Augers Size:	9" & 18"
Hole Depth:	90 cm (36")
Tractor Compatibility:	50HP and above



MULTI-PURPOSE REAR BLADE

“Jack of all Trades”



Land levelling, yard cleaning, farm road grading, snow clearing ditching and terracing, backfilling, earth moving: these are some of the many jobs that you can do with this versatile tool.

- With the grader wheel installed, hydraulic position control holds the blade at the chosen depth for the fine levelling.
- Angle and pitch of blade adjustable from tractor seat.
- Blade pitch is adjustable from 0° to 40° by the screw lever in reach of the tractor seat.
- The blade can be completely reversed for back filling
- For access to awkward place it can be offset to either side.
- An alternative hitch pin for the right hand lower link allows the blade to be tilted for digging ditches or irrigation channels.

SPECIFICATIONS:

Mounting construction:	Category 1, three-point linkage Entirely steel frame, Reversible high carbon steel cutting edge.
Blade Angle:	Adjustable 0° to 70° in two increments to either side and similarly with blade facing rearward.
Blade pitch:	Adjustable from 0° to 40°
Blade Width:	7 ft.
Overall length:	5 ft. (with grader wheel)
Accessories:	Grader wheel kit
Tractor Compatibility:	50 - 85 hp.



FRONT BLADES

“Levelling a Clear Road to Progress”



The Power Dozers are designed and built to match the performance of the Millat Tractors. They are operated hydraulically by single or twin double acting rams. The points of attachment of the dozer to the tractor are reduced to an absolute minimum and the mounting brackets, once fitted, can be left in position enabling the sub-frame and blade to be quickly removed and attached. The blade is fitted with a reversible and replaceable cutting edge of high carbon steel.

SPECIFICATIONS:

Power Dozer to fit	MF 240, 350 Plus, 260, 360, 375, 385, 385-4WD tractors
Blade	Model MT-08/1 = 6' x 24" -(Single ram) (MF 240, 350 Plus, 260, 360) Model MT-08/2 = 6.5' x 24" (Twin ram) (MF 375, 385, 385-4WD)
Cutting Edge	152mm (6") x 12.7 mm (1/2") section high carbon/alloy steel reversible and replaceable.
Hydraulic Ram	02 Jacks, Heavy duty, double acting
Control Valve	45 ltr. double acting spool valve-Imported
Blade Movement	Maximum lift 533mm (21"). Maximum depth below ground 102mm (4").



AGRICULTURAL LOADERS

“Soil-Mover Like No Other”



A multipurpose rugged and powerful machine which can be quickly attached/detached to the front of Massey Ferguson Tractors for handling/loading stone/brick crush, garbage, sand, grains, wood logs etc. into a truck or trailer.

SPECIFICATIONS:

Tractor Compatibility	For MF 375/385	For MF 240/350 Plus/260/360
Bucket Type	Closed earth Bucket with digging teeth	
Bucket Volume	0.5 Cubic meter	0.350 Cubic meter
Bucket Size	5.5ft	4ft
Lifting time	20 - 25 seconds	
Max. Lift capacity	800 Kg	600 Kg.
Operation:	Operated via Tractors Hydraulic Pump	
Lifting Height at		
Pivot Point	(11'-6") 3.5 meter	(10') 3.0 meter
Lift Ram	2 Cylinders	
Bucket Ram	2 Cylinders	
Control	45 ltr, 2 Spool Valve, 210 bar-Imported	



MILLAT COMMERCIAL LOADER

"Helping to Build the Nation"



high resolution



Hydraulic Oil Tank



Counter Weights



PTO Pump

Millat Commercial Loader is designed to hold, lift and tilt the bucket located at the end of two long arms with strength and safety. The Commercial Loader is hydraulically powered which provides the necessary power to lift the load.

Recommended Use:

Cotton Bale Handling, Husk Application, Coal Application Loose Cotton Handling, Crusher application and Cotton/ paper industries.

Specification:-

Loader Compatibility with	For MF 375, MF 385, MF 385 (4wd)
Bucket Type	Closed Earth Self Leveling Bucket with Digging Teeth
Bucket Volume	0.6 cubic meter
Bucket Size	5.5'
Lifting Time	8-12 sec
Max. Lifting Weight	1000 KG
Operation	Hydraulic-Extra Pump PTO Drive Shaft-9 Plunger
Lifting Height at Pivot Point	11.5 ft
Lift Ram	2 Cylinders
Bucket Ram	2 Cylinders
Control	80 ltr 2 Spool Valve, 210 bar - Imported
Weight	Fixed, Size: L: 34" W: 32" H: 34"
Oil Tank	80 Liter with Oil Filter & Oil Level Gauge



MILLAT BACKHOE

“The Expert Digger”



Millat Backhoe can be attached and detached from the Tractor within a little time. Can also be mounted with front attachments. Digging now made easy with speed and work efficiency.

SPECIFICATIONS:

3 point Linkage	1 & 2
Minimum Tractor HP	75-85 HP
Maximum digging depth	116"
Digging depth (two foot flat bottom)	106"
Reach from swing pivot	159"
Boom height from ground	132"
Transport height	102"
Bucket Size	16"/18"
Extra PTO Pump	Installed
Swing arc	145 degree
Stabilize Spread down (Operating)	96"
Stabilize spread up (Transporting)	66"
Oil Tank with filter	80 liter
Control Valve 210 bar with joystick handle	06 Spool
Hose Pipe	4000 PSI



HYDRAULIC TIPPING TRAILERS

"A Dumper of Deliverance"



SPECIFICATIONS:

Description	Spec. A	Spec. B	Spec. C
Type	Hyd. Tipping	Hyd. Tipping	Hyd. Tipping
Capacity	5-Ton	8-10 Ton	15 Ton
Vessel Size	11' x 6.5' x 2'	12' x 7' x 2.5'	16' x 7' x 3'
Floor	MS Sheet 3mm	3mm	3mm
Side Wall	MS Sheet 2.5mm	2.5mm	3mm
Chassis Frame			
Lower Channel:	8' x 3'	10' x 3'	10' x 3'
Upper Channel:	6' x 3'	6' x 3'	7' x 3'
Axle Size			
Length:	52"	56"	56"
Outer Dia:	5"	5.50"	6.50"
Wall Thickness:	3/8"	3/8"	11mm
Rims			
Qty:	2	4	4
Size:	9.00-20	9.00-20	9.00-20
Tipping Device:	Double acting heavy duty locally made Ram with mechanical linkage.		
Tipping Angle:	55 Degrees.		
Maximum Lift Time:	25-35 Seconds at 1500 - 1789 rpm of Tractor Engine to its full height in empty condition.		
Hydraulic Kit For Trolley:			
Spool Valve:	Imported		
Selector Valve:	Imported		
Hyd. Hoses:	Imported, the Crimping and Hoses should bear a pressure of 4000 psi. There should be no joint between two connections.		
Quick Attachment Coupler Set:	Imported.		



HYDRAULIC TIPPING TRAILERS (3 TON)

“Easy & Convenient Loading”



With Folding Sides

SPECIFICATIONS:

Type	Hydraulic Tipping
Capacity	3-Ton
Vessel Size	10' x 06' x 02' (Feet)
Floor	MS Sheet 3mm Thickness
Walls	MS Sheet 2.5mm Thickness Folding Sides
Chassis Frame	
Upper Channel:	6 x 3 (Inches)
Lower Channel:	8 x 3 (Inches)
Axle Size	
Length:	46"
Outer Dia:	5"
All Thickness:	3/8"
Rims / Tyres	Qty: 02 Numbers
Size:	8.25-20
Tipping Device:	Double acting heavy duty locally made Ram with mechanical linkage.
Tipping Angle:	55 Degree.
Maximum Lift Time:	25-35 Seconds at 1500 - 1789 rpm of Tractor Engine to its full height in empty condition.
Hydraulic Kit For Trolley:	
Spool Valve:	Imported
Selector Valve:	Local Made
Hyd. Hoses:	Imported, the Crimping and Hoses should bear a pressure of 4000 psi. There should be no joint between two connections.
Quick Attachment Coupler Set:	Imported.



PINTLE HOOK

“Connecting Load to Tractor”



Ideal gadget for towing any type of Farm Trolley / Trailer, by attaching it to the Tractor at rear.

Can be fitted with MF 240, MF 350 Plus, MF 260, MF 360, MF 375, MF 385 (2WD) and MF 385 (4WD) Tractors. Can pull 5 Tons to 10 tons of trailer load.

SPECIFICATIONS:

Suitability: MF240, MF350 Plus, MF260, MF360, MF375 & MF385 Tractors.



JIB CRANE

“A Helping Hand in Material Handling”



There are many jobs around the farm that often involve back breaking work and much effort-jobs like loading and unloading large drums of fuel, feed, seeds, fertilizer bags, building materials, machinery and similar chores.

The Jib Crane provides the answer to all these problems and they can all be handled with a minimum of effort from the seat of your tractor.

Ruggedly constructed from tubular steel, the crane is capable of lifting a load upto 500 kg. The goose-neck design makes it particularly handy for loading and unloading trucks and trailers.

Used almost daily on any farm.

Simple - one minute attachment

It is recommended that the stabiliser bar chain be used if transporting over rough ground. Height of lift adjustable.

SPECIFICATIONS:

Lift Capacity	upto 500 Kgs (depending upon Tractor HP)
Height of lift	3 m
Overall length	2.54 m
Tractor Compatibility	50-85 HP
Hitch pin	Cat-II



MILLAT LAWN MOWER MT - 150

**“The Secret Creator of
Beautiful Lawns”**



Tractors Mounted PTO driven grass mower, suitable for Lawns, Sports areas and Public Gardens.

SPECIFICATIONS:

Working width	150cm (58")
Overall width	175cm (60")
Mounting	Centre mounted
No. of Blades	3
Tractor Compatibility	50hp - 60hp

Note:

Maschio and Millat Tractors reserve the right to change the specifications without prior notice.



MILLAT ROTARY SLASHER

“Turns Wild Land into
Civilized One”



HIGH RESOLUTION

Features:-

Rotary Slasher is an agricultural machine which is used for cutting unwanted grass. The rotary slasher is manufactured through jigs, fixtures & dies which ensure joining accuracy as well as interchangeability. It has a heavy duty gear box and rugged frame which can withstand rough and tough wild grass, anchored straw and bushes. It is designed for fast application to any type of 50-80 HP tractors with three point linkage.

- Tractor driven suitable for P.T.O. 540 rpm.
- Rotary Slasher has reversible steel blades for cutting wild grass, shrubs, weeds, sugarcane stacks, etc.
- Cutting width: 4.5 feet (approx.)
- Height adjustment: 3" to 10" (approx.)
- Heavy Duty two cutter blades moveable.
- Heavy Duty gear-box operated with P.T.O shaft.



FRONT MOUNTED BROOMER

“The Affordable Cleaning Machine”



Millat Broomer is the very useful sweep cleaning machine suitable for municipalities, contractors, land scrappers, institutions, housing societies and farmers which assists you in general cleanup of roads, highways, runways and other areas. Also it is useful for post construction site cleanup, land scrapping, snow removal and dethatching.

Agreat partner for maintaining civilized environments.

SPECIFICATIONS:

	Front/Back	Front/Back
Specifications	MB- A	MB-B
Product Width	8ft	7ft
Working Width	6.25ft	5.25ft
Body Thickness	3mm	3mm
Brushes	90 pieces	80 pieces
Powered by	Tractor Power Take Off (PTO)	
Required RPM	540rpm	
Accessories	PTO Shaft	
Tractor Compatibility <small>(Horse Power)</small>	50hp and above	
Gear Box	Installed	
Dirt Deflector	(For Driver Safety)	



REAR MOUNTED BROOMER

“The Affordable Cleaning Machine”



Millat Broomer is the very useful sweep cleaning machine suitable for municipalities, contractors, land scrappers, institutions, housing societies and farmers which assists you in general cleanup of roads, highways, runways and other areas. Also it is useful for post construction site cleanup, land scrapping, snow removal and dethatching.

Agreat partner for maintaining civilized environments.

SPECIFICATIONS:

Specifications	MB- A	MB-B
Product Width	8ft	7ft
Working Width	6.25ft	5.25ft
Body Thickness	3mm	3mm
Brushes	90 pieces	80 pieces
Powered by	Tractor Power Take Off (PTO)	
Required RPM	540rpm	
Accessories	PTO Shaft	
Tractor Compatibility <small>(Horse Power)</small>	50hp and above	
Gear Box	Installed	
Dirt Deflector	(For Driver Safety)	



MILLAT

MECHANICAL ROAD SWEEPER

"For Cleanest Country Roads"



SPECIFICATIONS:

Max Sweeping Width	2200mm
Sweeping Speed	8-10 Km/hr
Maximum Speed	20-40 Km/hr
Overall Length	4300mm
Overall Width	2200mm
Overall Height	1610mm
Rear Brush (Diameter)	600mm (10 Segments)
Rear Brush Length	1000mm
Front Brush (Diameter)	600mm
Water Tank	350-400 Liters (Stainless Steel)
Water Filter	Suitably Placed
Dust Hopper	1000 Liters (Stainless Steel Body)
Effective Hopper Capacity	400-500 Liters
Hydraulic Tank	40-50 Liters
Tires	5.00-12
Hydraulic Oil Cooler	Yes
Hydraulic Pump	38cc to 50cc
Discharge Height	1500mm
Multiplicator	Imported
Spraying Nozzles	10 Nos Spraying Nozzles, Brass(5 Nos on each side)
Hydraulic Hoses	With Dead pug option and 1/2 Valve
Hydraulic Motors	Imported
Search Light	Imported Two (One on each side)



MILLAT MINI TIPPERS

**“Convenient & Manageable For Cleaning
& Construction Work in Congested Areas”**



Mini Tipper

Tipping bodies can range from the very small to the very large, and all in between. Heavy steel construction and PTO operated for the larger trucks, or light alloy and power pack operated for the smaller vehicles, any size any construction, we have them all covered. We can also do side or 3 way tippers for the difficult to get at areas.

One of our most efficacious products is the 1 cum capacity hydraulic tipper either mounted on Suzuki 800 cc pickup or equaling commercial chassis used for quick and efficient door street vats, designed to facilitate the mobility of heavy loads in spaces reduced.

SPECIFICATIONS:

A) Chassis

Description	Pickup with upgraded features and advance Euro-II or above technology and more environment friendly, drive extra mile, with high standard engine performance in low fuel consumption and inexpensive maintenance. Chassis must be assembled in Pakistan
Engine	790 CC or above, Petrol engine, water cooled, OHC & EFI, 3 Cylinder or above.
Transmission Type	4-5 or above forward all Synchronesh, 1-reverse

B) Super Structure

Capacity	1.00 Cubic Meter or above
Body Sides	2mm MS sheets. Corrugated for additional strength without increasing the weight of the body. Round profile near the floor joint to avoid Corrosion and to assist the emptying of the container.
Body Floor	2.5 MS sheet. Single piece floor for added corrosion protection and built in Cab protector
Floor Stiffeners	3 mm thick “U” profile throughout the length of the floor for strengthening the floor at lifting points
Mounting Brackets	5mm thick Robust Hydraulic cylinder mounting brackets duly reinforced with mounting bracket plate(to avoid point load on the container
Pivot Bracket	Two pivot Brackets duly reinforced with 5mm thick Gussets



Sub Frame	Rectangular Pipes 1.5X3X5mm, suitably mounted on the pickup chassis. The Frame is mounted on the same cargo deck brackets originally installed by chassis manufacturer to maintain strength of the chassis. Sub frame attached to the chassis with High Tensile strength Nuts and Bolts & Canvas Rubber Padding
Sub Frame Pivot Bracket	8mm thick MS Brackets with Bi-Metallic Bushes for retaining Lubrication. All lifting pins equipped with grease nipples and spiral grease pathways to increase the productivity and design life of the Container
Tipping Angle	80-85 Degrees. Allows complete emptying of the container
Tipping Height	Tipping Height of the body allows the waste to be emptied into a standard Hopper Compactor
Paint	All Steel part surfaces free from Rust and Oil Residue. Two coats of Zinc Based Epoxy Primer and one coat of final paint done with 2 components Poly-Urethane based Paints
Hydraulic Power Pack	Hydraulic Pump 2.1cc/Rev with 300 Bar max Pressure, DC Motor 1500w, Tank Capacity 12 Lite
Operating Pressure	150 bars
Hydraulic Fittings	Imported High quality galvanized hydraulic fittings for leak free operations
Hydraulic Hoses	Double Braided R2T type hydraulic hoses with burst pressure twice as much as the working pressure
Lifting Cylinders	2 Nos Double Acting Hydraulic Cylinders made from Imported Hard Chromed Rods of 50mm and Honed Tubes of 70mmx 80mm of European. Imported Hydraulic Seals for efficient and long life of the cylinders. Special Viper seals for dusty local conditions. All Hydraulic Cylinders are equipped with hose burst protection; by the means of Pilot operated check valves.
Stabilizing Cylinders	2 Nos Double Acting Hydraulic Cylinders made from Imported Hard Chromed Rods and Honed Tubes of European. Imported Hydraulic Seals for efficient and long life of the cylinders. Special Viper seals for dusty local conditions. All Hydraulic Cylinders are equipped with hose burst protection; by the means of Pilot operated check valves.
Electrical System	12Volt Electrical System. Weather Proof Control Panel with high quality imported switches. Single action tipping operation.
Mudguards	Two MS mudguards with rubber flaps at the rear end. Reflective strips on the rear end of the mudguards.
Rotating Beacon	One Rotating Beacon Light on the Cabin.
Working Light	One working light for night time operations

Note: This product is exclusive of any transport, pick-up, van or vehicle/automobile base.



MILLAT WATER BOWZERS

“The Critical Water Reservoir”



Features:-

Water Bowser is used for storage & supply of water for: (1) Watering plants (2) Road spray (3) Agricultural purpose (4) Horticulture (5) Construction application (6) Fire Extinguisher during fire hazards. A sheet partition is provided for tank's stability against jerks created by water during transportation.

Specifications:-

S. No.	Description	Trailer Mounted
1	Capacity	1250G / 1500G / 1750G
2	Sheet	3mm
3	Frame	8" x 3" channel type, reinforced
4	Filling Points	02 x filling points
5	Tank Fixing on frame	1250 Gallons: Two point padding 1500 Gallons: Three point padding 1750 Gallons: Three point padding
6	Ladder	01 No. (Two point padding)
7	Road Sprinkler	1 No. at rear side
8	Shape	Oval/semi-elliptical: ensuring low center of gravity.
9	Tyres/Rims	4 No. (9.00 x 20)
10	Drain Valve	02 No. (Via pump & bottom tank)
11	Filling Device	Water set (Centrifugal Pump) 2" x 2.5" with ball Valves & necessary fitting with PTO Drive
12	Delivery House	2" x 100 ft., canvas
13	Suction House	3" x 20 ft. for suction from any external source like pond, reinforced PVC
14	Inside Paint	Antirust
15	Water Gun	Water gun for distant spray (70 ft) for washing trees etc.
	(Optional on order)	Capable of rotating 360 horizontally & 90 vertically

Note: Special specs Water Bowsers can also be supplied



MILLAT FIBER SUN CANOPY



Front View



Side View

Tractor fiber sun canopy is best option to safeguard tractor driver from sunlight and rain. Specially manufactured fiber top act as a heat resistant from sunlight and its unique strength makes it durable in all weather conditions.

SPECIFICATIONS:

Frame Type	MS Steel Square Pipe
Top Type	Fiber
Fiber Type	Double Finish
Tractor Compatiability	50-85 HP



MILLAT TRAILER MOUNTED PLATFORM



When you have job requiring the placement of material and personnel at high elevations constructing or maintaining transmission lines.....Repairing, washing or servicing new generation Aircraft.....Installing and maintaining telecommunication links..... Charging/ installation of street lights in high, hard to reach places.....you need the TMP of heavy duty practical, reliable and low in price trailer mounted platform.

FEATURES:

- Working Height 42 Feet
- Rate load (standard) 02 Man Capacity
- Lock/Counter balance valve on all cylinders
- Boom Type 02 Nos articulated with one jib boom
- Turn table rotation 360°/ 180°
- Stabilization 04 Nos each corner of the trailer

FEATURES:

- Versatile Jib Boom (+70° to -79°)
- Heavy Duty Two Coupling
- Heavy Duty Jockey
- Steel Bucket for 02 man capacity
- Lock/Counter balance valve on all cylinders.



MILLAT TRACTORS LIMITED



MILLAT TRACTORS LIMITED

Chapter - 3

MILLAT

**Industrial
Products**



MILLAT Diesel Generating Sets (12.5 - 50 kVA)

⚡ "Your Ultimate Power Backup" ⚡



- Comprises of reliable Millat Electropack 3-Cyl, 4-Cyl and 4-Cyl TurboDiesel Engines Coupled With World's Renowned Leroy Somer Alternators of Hallmark Repute.
- Fuel efficient
- Warranty 12 months/1200 hrs.
- Low maintenance cost
- Availability of Spares throughout Pakistan.
- Seamless after sales service through our regional offices and dedicated workshops of our dealer's network throughout Pakistan.
- Modules from Deep Sea Electronics



MILLAT Diesel Generating Sets (12.5 - 50 kVA)

Technical Data

MILLAT Diesel Generator Models	MPG-12.5	MPG-15	MPG-20	MPG-25	MPG-32	MPG-40T	MPG-45T	MPG-50T
Prime Power (kVA)	12.5	15	20	25	30/32	40	45	50
Stand By (kVA)	13.75	16.5	22	27.5	33	44	50	55
SPECIFICATION								
Engine								
Make	Millat (Manufactured Under Transfer Technology from PERKINS U.K.)							
Type	350T - 3AE				485T - 2E			
Model	0325-11NA	0325-12NA	0325-16NA	0325-20NA	0441-26NA	0441-32TC	0441-36TC	0441-40TC
No. of Cylinders	3	3	3	3	4	4	4	4
Gross Engine Power (hp)	16.25	19.50	26.01	32.51	39.01	52.02	58.52	65.03
Compression Ratio	16.5:1	16.5:1	16.5:1	16.5:1	15.3:1	15.3:1	15.3:1	15.3:1
Sum Oil Capacity (Ltrs.)	6.8	6.8	6.8	6.8	7.5	7.5	7.5	7.5
Cycle / Configuration	4 Stroke / Vertical in-line							
Aspiration	Natural				Turbo Charged			
Combustion System	Direct Injection							
Fuel Tank Capacity (Ltrs.)	90	90	90	90	100	100	100	100
Alternator								
Make	Leroy Somer / Stamford / MILLAT							
Prime / Stand By	Prime	Prime	Prime	Prime	Prime	Prime	Prime	Prime
Voltage-No. of Phases	400 / 230-3							
Rated Current (Amps.) at 0.8 PF / Phase	18	22	29	36	43	58	64.8	72
Rated Frequency Hz/rpm	50 / 1500 ± 2%							
Excitation	Self Excited							
Coupling	Direct							
Voltage Regulation	Self Regulated ± 1%							
Dimensions								
Length (mm)	1700	1700	1700	1700	2000	2000	2000	2000
Width (mm)	920	920	920	920	900	1000	1000	1000
Height without silencer (mm)	927	927	927	927	1570	1570	1570	1570
Gross Weight								
Dry Weight Approx. (Kg)	1145	1145	1165	1175	1425	1460	1469	1469

Note: - Stand by rating = 110% of Prime rating for 1 hour in 12 hours operation, as per ISO 8528 Standard

- All ratings are based on factory test bench conditions, it may vary according to site conditions.
- De-rating factors shall be applicable with respect to temperature, altitude/air pressure and humidity.

Millat products and specifications are subject to change without prior notice.

OPTIONAL

- Manual/Automatic (ATS/AMF)
- Soundproof Canopy
- Additional Diesel Tank (500 Ltrs.)
- Electronic control panels
- Service Level Agreement (SLA)
- Repair and maintenance at customer's premises
- Generator controlled through remote locations
- Complete turnkey solutions

Note:

Millat products and specifications are subject to change without prior notice.



MILLAT Diesel Generating Sets (60 - 250 KVA)

**⚡ "Your Trusted Source of
Reliable Energy" ⚡**



- Comprises of reliable Perkins (UK) Engine coupled with world's renowned Leroy Somer or Stamford Alternators of hallmark repute.
- Fuel efficient
- Warranty 12 months/1200 hrs.
- Low maintenance cost
- Availability of Spares throughout Pakistan.
- Seamless after sales service through our regional offices and dedicated workshops of our dealer's network throughout Pakistan.
- Modules from Deep Sea Electronics



MILLAT Diesel Generating Sets (60 - 250 kVA)

Technical Data

Specifications		MPG-60 60 KVA	MPG-80 80 KVA	MPG-100 100 KVA	MPG-150 150 KVA	MPG-200 200 KVA	MPG-250 250 KVA
ENGINE							
Make		Perkins UK					
Number of Cylinders		3 vertical in-line	4 vertical in-line	4 vertical in-line	6 vertical in-line	6 vertical in-line	6 vertical in-line
Displacement		3.3 litres	4.4 litres	4.4 litres	5.99 litres	8.8 litres	8.7 litres
Aspiration		Turbo Charged	Turbo Charged	Turbo Charged	Turbo Charged	Turbo Charged	Turbo Charged
Cycle		4 stroke	4 stroke	4 stroke	4 stroke	4 stroke	4 stroke
Combustion system		Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection	Direct Injection
Compression ratio		17.25:1	17.25:1	18.2:1	16:1	16.1:1	16.9:1
Rotation		Anti clockwise viewed from fly wheel	Anti clockwise viewed from fly wheel	Anti clockwise viewed from fly wheel	Anti clockwise viewed from fly wheel	Anti clockwise viewed from fly wheel	Anti clockwise viewed from fly wheel
Cooling system		Water cooled	Water cooled	Water cooled	Water cooled	Water cooled	Water cooled
Total lubrication system capacity		7.9 Litres	8.0 Litres	8.0 Litres	16.5 Litres	16.5 Litres	26.4 Litres
Total Coolant capacity		10.2 Litres	13 Litres	12.6 Litres	21 Litres	21 Litres	37.2 Litres
Engine Power	bhp (net)	72.1	94.4	120.8	173.3	239	298
Dimensions	Length (mm)	1049	1241	1259	1685	1941	1941
	Width (mm)	634	629	721	773	1013	1013
	Height (mm)	951	951	966	1065	1366	1366
Dry Weight (approx)		420 Kg	463 Kg	500 Kg	690 Kg	1135 Kg	1136 Kg
ALTERNATOR							
Make		LEROY SOMER / STAMFORD / MECCA ALTE					
Prime rating (KVA)		60 KVA	80 KVA	100 KVA	150 KVA	200 KVA	250 KVA
Voltage - No. of Phases		400/220 - 3	400/220 - 3	400/220 - 3	400/220 - 3	400/220 - 3	400/220 - 3
Rated Current (Amps.) at 0.8 PF		86.7	115.6	144.5	216	289	361.3
Rated Frequency Hz/RPM		50/1500	50/1500	50/1500	50/1500	50/1500	50/1500
Excitation		Self excited	Self excited	Self excited	Self excited	Self excited	Self excited
Coupling/bearings/pole		Direct/ Single/ 4 pole	Direct/ Single/ 4 pole	Direct/ Single/ 4 pole	Direct/ Single/ 4 pole	Direct/ Single/ 4 pole	Direct/ Single/ 4 pole
Voltage regulation		Self regulated $\pm 1\%$	Self regulated $\pm 1\%$	Self regulated $\pm 1\%$	Self regulated $\pm 1\%$	Self regulated $\pm 1\%$	Self regulated $\pm 1\%$
Overload permissible for 1 hour in 12 hours operation		10%	10%	10%	10%	10%	10%
CANOPY							
Dimensions	Length x Width x Height (m ³)	2.8 x 1.1 x 1.4	2.8 x 1.1 x 1.9	2.8 x 1.1 x 1.9	3.7 x 1.2 x 1.8	3.6 x 1.1 x 1.8	4.3 x 1.4 x 2.1
	Fuel Tank Capacity (Litrs)	160	260	260	340	435	460

Note: - Stand by rating = 10% of Prime rating for 1 hours operation.
 - All ratings are based on test bench conditions, it may vary according to site conditions.
 - De-rating factors shall be applicable with respect to temperature, altitude/air pressure and humidity.

OPTIONAL

- Manual/Automatic (ATS/AMF)
- Soundproof Canopy
- Additional Diesel Tank (500 Ltrs.)
- Electronic control panels
- Service Level Agreement (SLA)
- Repair and maintenance at customer's premises
- Generator controlled through remote locations
- Complete turnkey solutions

Note:

Millat products and specifications are subject to change without prior notice.



MILLAT FORKLIFT TRUCK FD30M1 & FD35M1

**(3 Ton & 3.5 Ton Capacity)
“Life with Confidence”**



Millat Forklift Trucks are being manufactured at Millat Tractors Limited under licence from Anhui Forklift Truck Group (Heli) which is based on TCM technology Japan and powered by world renowned Millat D3.1524 engine

Salient Features:

- Low cost of ownership, low cost of operation and high quality are the key features of our Forklift Trucks.
- The controls are simple and conveniently placed so the driver's concentration can be on the job and not on mastering the machine.
- The hydraulic levers give positive “feel” of the hoist and tilt function to aid precise load control.
- The Millat engine fitted is the most economical, highly efficient and requires minimum maintenance with easy availability of parts upto town level.
- Millat Tractors Limited ensures to provide prompt after-sales service to its valued customers.
- Available in 3 meters and 4 meters mast height.



MILLAT FORKLIFT TRUCK

FD30M1 & FD35M1

"Standard Specifications"

Characteristics	Capacity		3 Ton	3.5 Ton	
	Manufacturer		Millat Tractors Limited		
	Model		FD30M1	FD35M1	
	Load Capacity		Kg 3000	3500	
	Load Center		mm 500	500	
	Power Type		Diesel	Diesel	
	Control Type		Sit Down Rider Type	Sit Down Rider Type	
	Tyre Type		Front / Rear	Pneumatic	
	Wheels (x = driven)		Front / Rear	2 x 2	
	Maximum Fork Height		mm 3000/4000	3000/4000	
Dimensions & Weight	Free Lift		mm 305	305	
	Fork Size		L x W x T	mm 1070 x 125 x 45	
	Tilt Angle		Fwd / Bwd	deg 6 / 12	
	Length to Fork Face		mm 2693	2693	
	Overall Width		mm 1225	1225	
	Mast Height Fork Lowered		mm 2070	2070	
	Overhead Height Fork Raised		mm 4250	4250	
	Overhead Guard Height		mm 2090	2090	
	Turning Radius (Outside)		mm 2400	2400	
	Load Distance (Centerline of front axle to front face of forks)		mm 498	498	
	Basic Right Angle Stacking Aisle Width (Add load length and clearance)		mm 2898	2898	
	Total Weight (approx)		kg 4200	4200	
	Performance	Speeds	Travel Max. (Fwd / Rvs)	With Load	km/h 15.3
				Without Load	km/h 16.5
			Lifting	With Load	mm/s 335
			Without Load	mm/s 385	
Lowering		With Load	mm/s 450		
		Without Load	mm/s 500		
Max. Drawbar Pull		With/Without Load	kg 1500/1000	1500/1000	
Max. Gradeability		With/Without Load	%(tane) 18/20	18/20	
Tyre	Number	Front / Rear	2/2		
	Size	Front	28 x 9 - 15 - 12 PR		
		Rear	28 x 9 - 15 - 12 PR		
Wheel Base		mm 1700	1700		
Chassis	Tread	Front	mm 1000		
		Rear	mm 970		
	Ground Clearance	At Lower Point (Mast)	mm 135		
	Frame	mm 140			
Brake	Service		Hydraulic - Foot Pedal		
	Parking		Mechanical - Hand Lever		
Engine & Transmission	Battery		V/Ah 12 / 88	12 / 88	
	Internal Combustion Engine		Model	Millat	
			Rated Horsepower @ 2,250 rpm	Ps 50	
			Max. Torque @ 1,400 rpm	Nm 172	
			Number of Cylinders	3	
			Displacement	lit 2.5	
			Fuel Tank Capacity	lit 50	
Transmission		Number of Speed Fwd/Rvs - Type	2 / 2-Manual Shift		
Operating Pressure		For Attachment	kg/cm ² 175		

Note:

Millat Tractors Ltd. reserve the right to change the specifications without prior notice.



MILLAT PRIME MOVERS **50 HP, 60 HP, 75 HP & 95 HP**

(Manufactured under Perkins (UK) Technology)



"Power Solution Partner"



Millat Prime Movers (Power Packs) - a reliable source of power, are based on quality Millat Engines. Millat Prime Movers can be used for a variety of tough applications like:

- Irrigation Schemes
- Pumping Sets
- Drilling
- Pulp Mills
- Rock / Stone Crushers
- Other Industrial and Agricultural Applications.
- Hydraulic Pumps & Motors
- Power Looms & Oil Expellers

SALIENT FEATURES:

- Total power pack easy to install & ready to operate reducing on-site installation and labour cost.
- Long life & fuel efficient.
- An extensive after-sales-service backup through Millat's nation wide dealer network.
- Assured ready availability of full range of spare parts.
- Reliability of Millat Engine reduces down-time and operational costs.



MILLAT PRIME MOVERS

50 HP, 60 HP, 75 HP & 95 HP

ENGINE	50 HP	60 HP	75 HP	95 HP
Make / Model	3-2500	3-2500T	4-4070	4-4070T
Cycle	4 stroke	4 stroke	4 stroke	4 stroke
No. of cylinder / configuration	3 vertical inline	3 vertical inline	4 vertical inline	4 vertical inline
Compression ratio	16.5:1	16.5:1	15.3:1	15.3:1
Capacity (Ltrs)	2.5	2.5	4.1	4.1
Output at				
2250 RPM (kw/BHP)	36.5/50	44.7/60	58.5/75	70.9/95
1500 RPM (kw/BHP)	29/37.5	32.8/44	45.1/60.5	48.5/65
Injection system / aspiration	Direct / Naturally aspirated	Direct / Turbo Charged	Direct / Naturally aspirated	Direct / Turbo Charged
Cooling system	Water cooled with tropical radiator capable to operate in Amb. Temperature 50°C			
Power take off	From flywheel end			
Direction of rotation	Anti-clock wise			
CAPACITY				
Engine Sump (Ltrs.)		6.8		7.5
Coolant radiator (Ltrs.)		10.2		15.2
Fuel Tank (Ltrs.)		45-50		
STANDARD EQUIPMENT				
Clutching / declutching with lever instrumentation				
Panel mounted on base frame complete with				
Tacho meter				
Hour meter				
Low oil pressure gauge				
Water temperature gauge				
Indicator gauge				
Ignition key switch				
DIMENSIONS				
Overall length (mm)		1230		1360
Overall Width (mm)		1110		1250
Overall height (without silencer) (mm)		1200		1200
Net weight (kg)	550	560	780	790

Note:

Millat products and specifications are subject to change without prior notice.



MILLAT SKID STEER TRUCK MODEL MCTH 730

**“Redefining Efficiency
with Versatile Solutions”**



**“YOUR MOST RELIABLE PARTNER”
FOR**



Housing



Municipality



Construction



Industrial



Town
Development



Snow
Removal

SALIENT FEATURES:

- Comprises of most reliable Local Millat Engine
- Easy availability of spare parts at town level
- Multipurpose constructions machine with different attachments:
 - Loading
 - Front Blade (Normal and snow)
 - Front Combination bucket
 - Stick control
 - No mechanical differential
 - Maneuverability
 - Replacement time of one attachment to another is 2-3 minutes
- Workable in small areas and in minus temperature to plus 50°C
- Zero turning radius
- Overall width is 1.8 meters
- Inclination of 18°



MILLAT SKID STEER TRUCK

MODEL MCTH 730

Skid Steer Loader			
General	1	Model	MCTH 730
	2	Rated Capacity	kg 730
	3	Rated Flow	L/min 80
	4	Discharge height	mm 2266
	5	Discharge distance	mm 662
	6	Power Type	Diesel
	7	Control Type	Manual Control
Dimensions	8	Overall length with bucket	mm 3348
	9	Overall length without bucket	mm 2522
	10	Overall width with bucket	mm 1800
	11	Overall width without bucket	mm 1730
	12	Overall height	mm 2027
	13	Max. operating height	mm 3910
	14	Front turning radius	mm 2027
	15	Front turning radius without attachments	mm 1380
	16	Rear turning radius	mm 1527
	17	Wheel Base	mm 991
	18	Tread	mm 1465
Performance	19	Max. speed	km/h 11-12
	20	Tipping Load	kg 1460
	21	Lifting Type	Radius
	22	Bucket Capacity	M 0.47
	23	Total weight with bucket	kg 2842
	24	Total weight without bucket	kg 2628
Engine	25	Model	Millat D3.1524
	26	Rated horsepower/rpm	ps 50/2250
	27	Rated Torque/rpm	Nm 172/1350
	28	Number of Cylinders	3
	29	Displacement	L 2.5
	30	Fuel tank capacity	L 79
Type	31	Pneumatic (Tubeless tires)	10-16.5

Main Characteristics

- AMERICAN DANFOSS PUMP
- FRANCE POCLAIN HYDRAULIC MOTOR WITH PARKING BRAKE
- TUBELESS TIRE 10-16.5
- HYDRAULIC BALANCE
- MANUAL CONTROL
- OPEN CAB WITH FAN
- WARNING LIGHT
- REVERSE BUZZER
- MIRROR OUTSIDE CAB
- FRONT & REAR TURNING LIGHT, REAR WIDTH LIGHT
- RATED CAPACITY 730KG
- DUMP HEIGHT 2.27M
- BUCKET & ARM SAFETY LOCK

Note:

Millat Tractors Ltd. reserve the right to change the specifications without prior notice.



MILLAT SKID STEER TRUCK MODEL MCTH 730

“Redefining Efficiency with Versatile Solutions”

2 4 in 1 Multi-Purpose Loader



SPECIFICATIONS

Width (mm)	1889
Height (mm)	768
Length (mm)	879
Open Distance (mm)	718
Pressure (Mpa)	20
Clamping Force (N)	8230
Weight (Kg)	460
Capacity (m3)	0.48



3 Hydraulic Hammer



SPECIFICATIONS

Weight (kg)	260
Length (mm)	1160
Pressure (Bar)	80-100
Flow Range (L/min)	20-35
Frequency (Bpm)	650-1200
Rod Dia. (Mm)	45
Energy (J)	225



Housing



Municipality



Construction



Industrial



Town
Development



Snow
Removal



MILLAT SKID STEER TRUCK MODEL MCTH 730

“Redefining Efficiency with Versatile Solutions”

4 Front Blade



SPECIFICATIONS

Length (mm)	1207
Width (mm)	2130
Height (mm)	580
Max. Turn Angle	30°
Work Width(mm)	1845
Turn 30°	

5 Backhoe Arm

SPECIFICATIONS

Length (mm)	1869
Width (mm)	1320
Height (mm)	776
Weight (kg)	425
Capacity (m ³)	0.06



6 Vibratory Roller



SPECIFICATIONS

Width (mm)	1830
Drum width(mm)	1677
Height (mm)	788
Length (mm)	990
Drum Dia.(mm)	609
Weight (Kg)	976
Vibration(Kn)	35
Speed (vpm)	2600
Tilt Angle (°)	15



Housing



Municipality



Construction



Industrial



Town
Development



Snow
Removal



MILLAT SKID STEER TRUCK MODEL MCTH 730

“Redefining Efficiency with Versatile Solutions”

7 Snow Blower



SPECIFICATIONS

Width (mm)	650 lbs
Cutting Width	60 - 66"
Cutting Height	25"
Depth	38"
Height	57"
Flow Rates	12-45 GPM
Throw Distance	45 - 70 Ft
Blower Diameter	18"
Hydraulic Blower	Two-Stage

8 Tree Puller

SPECIFICATIONS

Weight	415 Pounds
Jaw Opening	11"-Rows of Serrated Teeth=4"
Steel Surcharge	Yes



9 Trencher



SPECIFICATIONS

Weight	700 lbs
Flow Rating	14-23 GPM
Auger Discharge	18"
Chain Width	6"
Tooth Specifications	Shank style 2730 Ergonomics Dirt teeth Ratio
Drive System	Planetary Gear Drive
Steel Surcharge	yes

10 Pallet Forks

SPECIFICATIONS

Weight	400 lbs
Width	48"
Fork Frame Height	37"
Rating	4400 lbs
Material	Steel
Elongation	12%
Surface Hardness	255-385HB
Tensile Strength	935 MPa/135



Housing



Municipality



Construction



Industrial



Town
Development



Snow
Removal



MILLAT SKID STEER TRUCK MODEL MCTH 730

“Redefining Efficiency with Versatile Solutions”

11 Grader



SPECIFICATIONS

Width	72"
Depth	48" Plus Mount
Height	18"
Weight	1000 lbs
Tubing	3" x 4" x .048" Hot Dipped Galv
Plate Steel Side	1/4" A50 Structural Plate
Wear Surface	1/2" x 2" AR400
Blades	16-18mm Deepness See Bkg 1-2

12 Plate Compactor

SPECIFICATIONS

Weight	525 lbs
Impulse Force	3400 lbs
Plate Width	17.4
Plate Length	20
Direction of Travel	Forward or Reverse
Material	High Alloy Strength Steel
Frequency	2000 VPM



13 Post Puller



SPECIFICATIONS

Weight	280 lbs
Max Opening	12
Cylinder	2" Stroke with 8" Stroke
Teeth Closure	Up to 1/2" Side Teeth Wear Guard
Teeth Height from Tip to Base	4"
Teeth Thickness	1/2"

And Many
More!



Housing



Municipality



Construction



Industrial



Town
Development



Snow
Removal



MILLAT TRACTORS LIMITED

LIST OF MTL OFFICES

Head Office:

MILLAT TRACTORS LIMITED

Sheikhupura Road, Shahdara,

LAHORE - PAKISTAN

Phone No. : + 92 42 111 200 786

+ 92 42 3791 1021-5

Fax No. : + 92 42 3792 5835 / 3792 4166

E - mail : info@millat.com.pk

ins_sales@millat.com.pk (For Corporate Customers)

Regional Offices:

1. ISLAMABAD

MILLAT TRACTORS LIMITED

House # 22 - Street No. 41,

Sector F - 6 /1,

ISLAMABAD

Phone No. : + 92 51 227 1470

Fax No. : + 92 51 227 0693

E - mail : mtlisbd@millat.com.pk

2. MULTAN CANTT

MILLAT TRACTORS LIMITED

Garden Town (Daulatabad)

Sher Shah Road,

MULTAN CANTT

Phone No. : + 92 61 653 7371

Fax No. : + 92 61 653 9271

E - mail : mtlrom@millat.com.pk

mtlmf_multan@hotmail.com

3. SUKKUR

MILLAT TRACTORS LIMITED

House # B-160 Akuwat Nagar Society

Near Goal Masjid, Airport Road,

SUKKUR

Phone No. : + 92 71 581 5041

Fax No. : + 92 71 581 5042

E - mail : mtlsuk@hotmail.com

4. KARACHI

MILLAT TRACTORS LIMITED

3 - A, Fayyaz Centre, Sindhi Muslim

Co-operative Housing Society,

KARACHI

Phone No. : + 92 21 3455 3752

Fax No. : + 92 21 3455 6321

E - mail : mtltrok@ciber.net.pk



MILLAT TRACTORS LIMITED

LIST OF MTL MAIN DEALERS

S.No.	NAME OF DEALERSHIP	ADDRESS	CONTACT PERSON/No.
N-1			
1	TRACTOR HOUSE atiquzzaman1962@gmail.com	Zaman Market Mardan Road, CHARSADDA	Atiq Uz Zaman 0333-9116916
2	TRACTOR HOUSE atiquzzaman1962@gmail.com	Opp. Eid Gah, Charsadda Road, PESHAWAR	Atiq Uz Zaman 0333-9116916 0301-8874397
3	IFTIKHAR TRACTORS arbabshabir@icloud.com	Charsadda Road, PESHAWAR	Arbab Waleed 091-2041386 0332-0202070 0300-3050555
4	NISAR TRACTOR HOUSE nisarkhankhan068@gmail.com	Dalazak Road, Northern Bypass Bridge, Near Peshawar Model Degree College PESHAWAR	Nisar Khan 0301-8931981 0346-9174253
5	Ghulam Muhammad Auto Store gmasswat@gmail.com ghaus.chil@gmail.com	Near Govt. High School Amankot, Mingora Swat	Ghous Ali Khan Mohsin Khan 0300-5743994 0321-2223994 0345-0597959 094-6710155
6	KOHAT AUTOMOBILES babar_shah78@hotmail.com	Peshawar Road, KOHAT	Babar Hussain Shah 0333-9591230 0300-9151230 092-515208
7	MILLAT KOHAT TRACTORS kohatmillatractoos@gmail.com	Mozah Mamazee, Hangu Road KOHAT	Shafiq Ur Rehman Azlan Rehman 0333-9648897 0336-9208846
8	ZAHOOR TRACTOR HOUSE zahoortractorhouse@gmail.com	Sugar Mills Road, MARDAN	Zahoor Ahmed M. Arif 0300-9176370 0300-5721320 093-7873898
9	SAMIR TRACTOR AGENCY samirtractor@gmail.com sajjadh826@gmail.com	Near Nadra Office, PARACHINAR	Hur Hussain Tahir Hussain 092-6310440 0303-9051400 0300-5545185 0302-3942212



MILLAT TRACTORS LIMITED

S.No.	NAME OF DEALERSHIP	ADDRESS	CONTACT PERSON/No.
10	SAYYAR TRACTOR AGENCY sayyartractor@gmail.com	College Road, PARACHINAR	Zaheer Hussain Munir Hussain 092-6313440 0300-5952998 0336-0121112
11	CHINAR TRACTORS chinartractors@gmail.com	Main Thall, Parachinar Road, Tehsil Ali Zai KURRAM	M. Sibtain M. Shoab 0306-8009040 0304-8197313 0323-5488988
12	HUNZA MOTORS hunzamotors1984@gmail.com	Near PIA Booking Office, Link Road, GILGIT	Hayat Baig Ali Ahmed Jan 0312-0218183 0355-5552619 0344-5983849 058-11452619
13	JEWAN TRACTORS smanaem@yahoo.com	7km Madina Plaza Mohra Kalawan Abbottabad Road, HARIPUR (HAZARA DIVISION)	M. Naeem 0333-4310970 0321-9460970 (Lahore office) 37911824
N-2			
14	SAIGOL MOTORS saigolmotors@hotmail.com	Pir Wadhay Road, Near Westridge Telephone Exchange, RAWALPINDI	Razzaq Saigol 0321-5168709 0333-5114689 0345-5460711 051-5473617-18
15	HAJI SHER MUHAMMAD & BROTHERS sababashir137@gmail.com	Kohat Road, Near College More FATEH JANG (District Attock)	Haji M. Din 0300-9555611 0345-9555611
16	ITTEFAQ TRACTORS, (Formerly Iqbal Ent.) khanammadali9@gmail.com	Near Odherwal Chowk Tallagang Road, CHAKWAL	Malik Yaran Khan 054-3541863 & 3411805 0300-5315265 0300-5082043
17	ISHTIAQ TRACTORS HOUSE malikishtiaq.tractor@yahoo.com	Near Mangla By Pass G.T. Road, DINA (District Jhelum)	Malik Ishtiq Hussain Malik Mazahar 054-4635446 & 4294246 0333-5825446 0340/0331-5847113
N-3			
18	FRIENDS CORPORATION tariqtarar122@gmail.com	Massey Chamber, Sat Sira Chowk Sugar Mills Road, MANDIBAHUDDIN	M. Tariq Tarar Azmat Hussain 054-6501502 0300-7740345



MILLAT TRACTORS LIMITED

S.No.	NAME OF DEALERSHIP	ADDRESS	CONTACT PERSON/No.
19	ZESHAN TRACTORS zeeshantractors786@gmail.com	Hariyawala Chowk, G.T. Road, GUJRAT	Parvez Akhtar M. Zishan 0307-7775995 0321-6246478 0340 - 4455555 053-3710398
20	HASSAN CORPORATION (PVT.) Ltd. hasancorporation.grw@gmail.com	Near Murad Eye Hospital, G.T. Road, GUJRANWALA	Mahmood Ghani Sunil & Umer 055-4290677 & 4290678 0333-8209080 0306-6494673 0301-3170835
21	AL-JABBAR TRACTORS aljabbartractors2@gmail.com	Chowk Kotli Behram, Wazirabad Road, SIALKOT	M. Iqbal Nouman Iqbal 052-4264242 & 4264580 0300-8714242 0300-8612242
22	ZAHID BROTHERS khalid_qureshii191@yahoo.com	Ikhlas Pur Road, SHAKARGARH Distt. (NAROWAL)	Khalid Mahmood 054-2450989 & 2450076 0300-8466416 0300-4126949
23	USMAN ENTERPRISES usmanagro@gmail.com	Sheikhupura Road Near Millat Tractors Limited, FEROZWALA	Malik M. Iqbal Dagia Shoukat Ali Fax 042-37921347 042-37924248 0300-8404348 0322-4001248
N-4			
24	KURRAM TRACTORS kurramtractor486@gmail.com	D.I. Khan Road, (BANNU)	Haji Naimat Ullah 096-9352026 0332-9797178
25	INDUS AUTOS indusautos@gmail.com	Sheikh Yousaf Adda Bannu Road, D.I. KHAN	M. Younis 096-6711021 0345-9833991
26	LAKKI TRACTOR SHOWROOM abdullahjan7803@gmail.com bakhts655@gmail.com	Bannu Road, D.I.Khan	Bahadur Khan 096-6740151 0301-8795518 0336-8795518
27	PAKISTAN TRACTOR HOUSE pakistantractorsargodha987@gmail.com	Lahore Road, SARGODHA	Ch. Shamsher Ali M. Waqar 0300-8600001 0300-6038886 048-3223156-58



MILLAT TRACTORS LIMITED

S.No.	NAME OF DEALERSHIP	ADDRESS	CONTACT PERSON/No.
28	PAK TRACTOR HOUSE ks5547257@gmail.com	Opposite AI - Awan Town No. 2 Mianwali Road, JAUHARABAD (Distt. KHUSHAB)	Ch. Shamsheer Ali Kamran Shahzad 045-4722054 0300-8600001 0300-6072156
29	SUPER UNITED TRACTORS shoaibjani@yahoo.com	Sargodha Road, Truck Stand, MIANWALI	M.Shoaib Khan Shafa Ullah 045-9231365 0300-6099779 0343-8774499
30	SHAHEEN TRACTOR HOUSE zaheermughal1@hotmail.com	Jhang Road, BHAKKAR	M. Aslam Mughal Zaheer Aslam 045-3511750 0336-1237800 0333-6840750
N-5			
31	GLOBE AUTOMOBILES globeautomobiles84@yahoo.com	13-Lake Road, Opposite University Ground, LAHORE	Abdul Rasheed 042-37240327 042-37173431 0300-8020282
32	ZAMINDAR TRACTORS & EQUIPMENT bilkhwaja@gmail.com	50.8 KM, Ferozpur Road, KASUR	Bilal Bin Bashir 0313-0403220
33	KISSAN BROTHERS mazzam_hayat@yahoo.com	Fazal M. Khan Colony, KASUR	Mozzam Hayat 0300-6593123
34	KHAWAJA AUTOS khawajazia25@gmail.com	Lahore Road, OKARA	Khawaja Zia Ul Haq 044-2700693 0300-6954739 0301-7330616
35	SHABBIR TRADING COMPANY stcdpr@gmail.com	Pakpattan Road, Depalpur (Distt: Okara)	Saad Shabbir Fax 044-4541555 044-4541222 0302-8506666 0300-6964444
36	SAHIWAL TRACTOR HOUSE PVT. LTD. salmans_@hotmail.com	Railway Road, SAHIWAL	Salman Saeed Qari Ismail Fax 040-4226029 040-4463855 0321-6917233 0300-9690211
37	KISSAN TRACTOR HOUSE PRIVATE LIMITED kissanpakpattan@gmail.com	Near Wapda Grid Station Sahiwal Road, PAKPATTAN	Fareed Hashmi M.Irfan 045-7372920 0300-6949605 0301-7256880 0321-4631111



MILLAT TRACTORS LIMITED

S.No.	NAME OF DEALERSHIP	ADDRESS	CONTACT PERSON/No.
N-5A			
38	AHMED K. AGENCIES aurengzebshumail@gmail.com	Main Toba Road, Opposite City School, JHANG	Aurengzeb Shumail Mohsin Khan 047 - 7183559 0321 - 4574738 0321 - 8884093
39	JHANG TRACTOR HOUSE jhangtractors@gmail.com	2-KM Bhakkar Road, Opp. Punjab Seed Corporation, JHANG SADDAR	Naveed Afzal 047-7628769 0332 - 4242463
40	Pak Corporation cnbtractors@gmail.com	Faisalabad Road Near Chinot Bypass CHINIOT	M. Abdullah 0321-4034370 0306-7795050
41	MILLAT SALAR TRACTORS ranambilaltahir@yahoo.com	C/O. Suzuki Burj Motors East Canal Road, FAISALABAD	Rana M. Bilal Ghulam Abbas 0300-8666715 0300-6630998 0345-7703696 041-8547315
42	Millat Shadab Tractors azeemtayyibo@gmail.com	Near DSP Office, Gojra Road Samundri (District Faisalabad)	M. Azeem Tayyab 0300-7972467 0345-8484467
43	REHMAN TRACTOR HOUSE rehmantractortoba@gmail.com	Rajana Road, Toba Tek Singh	Anees M. Nazir 046-2200334 0300-6562621
44	SHAHRAH AUTOS shahrahauto.mtl@gmail.com	2.5 Km, Faisalabad Road, SHEIKHUPURA	Ahmed Habib M. Atif 056 - 3790979 0300-4220122 0300 - 4327127
45	BILAL TRACTORS bilaltractors2084@gmail.com	Main Mangtanwala Road Near Motorway Interchange, NANKANA SAHIB	Khubaib Ahmed Nazim Ali 0302-1419486 0321-9478644
N-6			
46	MULTAN AUTOS awanwaqasahmad@gmail.com	Near Bahawalpur By Pass Chowk Mouza Ram Kalli, MULTAN	Malik Waqas Awan Malik Nazir 061 - 4541050 0300 - 8732003 0308 - 9607756
47	MULTAN AGRO TRACTORS multanagrotractors@gmail.com	Bahawalpur Road, Near Shell Petrol Pump, MULTAN	M. Afzal Ansari Sabir Ali 0307-7325700 0314-6108125



MILLAT TRACTORS LIMITED

S.No.	NAME OF DEALERSHIP	ADDRESS	CONTACT PERSON/No.
57	THAL AGRO SERVICES thal2261@gmail.com	OPP.D.C. House, Chubara Road, LAYYAH	M. Farooq M. Siddaquee 060-6413013 0304-7032626 0300-6383441
N-9			
58	VEHARI TRACTORS veharitractorsvehari@gmail.com	Kutchery Road, VEHARI	M. Qaiser Alvi 067-3364656 0333-6278866 0334-84520000 ? 0304-6752000
59	SARGROH SERVICES sargrohtractors@gmail.com	Minchinabad Road, BAHAWALNAGAR	M. Ashraf M. Sarwar 063-2272459 0300-4820100 063-2271403 0300-7925686
60	SUTLEJ TRADERS latifcheema2221@gmail.com	Highway Road Chowk Fawara, CHISHTIAN	Asad Ali Khan M. Latif Cheema 063-2502001-2 0300-6989177 0300-6981103
61	AL-HASSAN TRADERS alhasantraders2282@gmail.com	Bahawalpur Road, HASILPUR (distt. Bahawalpur)	Talib Hussain Zain Ul Abedin 062-2443593 2442593 0300-6848250
S-1			
62	POPULAR TRACTOR COMPANY populartractors.suk@gmail.com	Opposite Taj Petroleum, G.T. Road Ali Wahan City Rohri, SUKKUR	Hafiz Umer Ahmed M. Nadeem 0334 - 3123777 0300 - 3123771 Jam Sawai Inam
63	Bismillah Tractors Showroom	G.T. Road, Pano Aqil, PANO AQIL (distt. Sukkur)	Khan 0300-3298842 0341 - 5549819
64	MADINA TRACTORS madinattractors11@gmail.com	By Pass, GHOTKI (Sindh)	M. Asif 0300-8316222 0345-8316222
65	JACOBABAD TRACTORS tufailkhosa@gmail.com	Shikarpur Road, JACOBABAD	Tufail Muhammad 0333-3428549 0346-3372494
66	KASHMORE TRACTOR COMPANY kashmoretractors@gmail.com	Indus Highway Road, KASHMORE	Jai Parkesh 072-2575500 2577700 0333-7360636 0302-2165810



MILLAT TRACTORS LIMITED

S.No.	NAME OF DEALERSHIP	ADDRESS	CONTACT PERSON/No.
67	LARKANA TRACTOR COMPANY lrc.larkana@gmail.com	Ottha Chowk, Airport Road, LARKANA	Waseem Raja Gulzar Ali Leghari 0333 - 7504733 0315-7503147 0333-7500754
68	GOOD LUCK TRACTOR COMPANY imran_shaiikh55@hotmail.com	National Highway, Near General Bus Stand, KHAIRPUR	Abdul Ghafoor Sheikh Abdul Raouf Sheikh 024-3551649 0300-8469556 0300-9319556 0321-7599989
S-2			
69	MEHRAN TRADING COMPANY mehran_sanghar@hotmail.com	Nawabshah Road, SANGHAR	Waqar khan Lodhi 023-5541792 0345-8214792 0333-2914792
70	ZARDARI TRACTORS zardartractorsmptors04@gmail.com	Opposite Bilal Garden, Shahpur Chakkar Road, SHAHDADPUR DISTT. SANGHAR	Akhtiar Hussain Zardari 0235-843118-9 0300-3211809 0332-1271395
71	PAKISTAN ZAREE INDUSTRY pakistanzareeind@yahoo.com	National Highway, Near Line Channel, HYDERABAD	Waseem Akhtar M. Amir 0333-2733199 0346-3848248 0333-2623164
72	K.K. TRACTORS khalidhabibkk@yahoo.com	Al-Habib Petroleum By Pass Road, (Near New Sabzi Mandi) TANDO ALLAH YAR	Khalid Habib Abid Habib 0300-8374564 0300-3300663
73	M.H & Sons Agro mhsonstmk@gmail.com	Near TMK Sugar Mills TANDO MUHAMMAD KHAN	Sajjad Ahmed 0300-3046248 0333-3046247 022-33411818 0333-2602074
74	AL-HAMD TRACTOR HOUSE alhamdtractor3084@gmail.com	Opp. Edhi Centre, Sehwan Sharif Road, DADU	M. Ashfaq 0300 - 4078468 0333 - 4020698
75	MILLAT MOTORS AND TRACTORS yasirnws@yahoo.com	Near Khan Petrol Pump, Sanghar Road NAWABSHAH Formely Millat Farm Machinery	Yasir Qayyum Waseem Ahmed 024-4360241 024-4360107 0307-3109010 0333-3109010



MILLAT TRACTORS LIMITED

S.No.	NAME OF DEALERSHIP	ADDRESS	CONTACT PERSON/No.
76	ALI RAZA TRACTORS	Daras Road, Taluka, MORO DISTRICT NAUSHERO FEROZE	Ghulam Mustafa 024 - 2422333 0300-3215148
77	AGRICO INTERNATIONAL agrico786@gmail.com	3-Rehman Plaza 90-A/1 Depot Lines Opp. IBA Aman Tower, KARACHI SADDAR	Nasir Shahzad Nadeem Rizvi 021-32224987 0300-9272656 0300-2619449 0334-4504000
78	THARPARKAR TRACTOR HOUSE tth_mpk@yahoo.com	Near Ali Auto Engineering, Sir Syed Road, MIRPURKHAS	M. Arshad Moiz Arshad 023-3873457 0300-3310770 0331-7979000 0333-2977808
79	ABBAS TRACTOR SHOWROOM abbas.tractors28@gmail.com	Near Khipro Bus Stand Umer Kot Road, MIRPURKHAS	Azwar Abbas 023-3820726 0305-3347825
S-3			
80	BALOCHISTAN TRACTOR & SERVICES	Ingle Road, QUETTA	Abdul Karim Daavi 0333-7828296 0332-3271100
81	ZAMINDAR TRACTORS	Market Road, PISHIN	Abdul Karim Daavi 0332-3271100 0333-7828296
82	NATIONAL AGRI. ENGG. & SERVICES naes.shahid@gmail.com	Opp. National Bank National Highway, NASIRABAD JHATPAT	Shahid Ghaffar M. Bashir 083-8510184, 0301-3845655 0347-0990247
83	JAFFARABAD TRACTOR COMPANY abduhwahidumrani78@gmail.com	M.A. Jinnah Road, USTA MUHAMMAD DIST JAFFARABAD	Abdul Wahid 083-8612928 0300-3709850 0333-3707273
84	SIBI AGRICULTURE ENGINEERING & SVC. kashiumrani@hotmail.com	Main Quetta Road, Near Baba Hotel National Highway Road, SIBI	Kasif Khaliq 0333-5795341
85	Khuzdar Tractor House doulatk@gmail.com	Chamruk Chowk, Quetta Road KHUZDAR	Ameer Jan 0333-7501199 0333-7507581

Affiliate Partners



MASSEY FERGUSON



MILLAT TRACTORS LIMITED

LAHORE - HEAD OFFICE

9-KM Sheikhpura Road, Shahdara, Lahore, Pakistan
Phone: (042) 3791 1021-25 Fax: (042) 3792 5835, 3792 4166
UAN: (042) 111-200-786
E-mail: info@millat.com.pk, ins_sales@millat.com.pk

ISLAMABAD

22, Street No, 41, Sector F-6/1, Islamabad
Phone: (051) 227 1470 Fax: (051) 227 0693
UAN: (051) 111-200-786 E-mail: mtlisbd@millat.com.pk

MULTAN CANTT

Garden Town (Daulatabad) Sher Shah Road, Multan Cantt
Phone: (061) 653 7371, 653 9271 Fax: (061) 653 9271
E-mail: mtlrom@millat.com.pk, mtlmf_multan@hotmail.com

SUKKUR

No. 9, Block II, Sukkur Co-Operative Housing Society,
Shikarpur Road, Sukkur
Phone: (071) 581 5041
Fax: (071) 581 5042
E-mail: mtlisuk@hotmail.com

KARACHI

3-A, Fayyaz Centre, Sindhi Muslim
Co-Operative Housing Society, Karachi
Phone: (021) 3455 3752, 3455 6321 Fax: (021) 3455 6321
UAN: (021) 111-200-786 E-mail: mtlrok@ciber.net.pk