



Company Profile

Elixir Enterprises is providing top quality services, international quality standards and timely delivery of products at best economical prices for Massey Ferguson and New Holland Tractors, Agricultural Implements and Spare Parts to build long term business relations. We are one of the top authorized suppliers, distributors, manufacturer and exporters of famous brands of Tractors, Agricultural Implements and Spare Parts which are assembled in Pakistan and are made as per the international specifications and quality of the parent manufacturers. We are committed to avail every opportunity by preserving our business values. Elixir Enterprises is also a regular tax payer and active member of Lahore Chamber of Commerce & Industry.



Waqar Ashraf: CEO

Elixir Enterprises was established with the core purpose to supply farming machinery to international markets after serving in the local market for the last 30 years. Our family is running local authorized dealership companies and manufacturing implements to cover whole Pakistani market and Elixir Enterprises is dealing in export. We take pride in being part of an era in which farming mechanism evolved in Pakistan to export high quality agricultural farming equipments and constantly striving to improve our products and services.



Bilal Ashraf: Director (Pakistan)

We believe that effective individuals make a difference and effective teams make a business. Of all the things that we have built the most admired is our teamwork. We work to ensure that all supply chain associates, dealers, suppliers and employees share in the company's growth and prosperity.



Massey Ferguson 240

MASSEY FERGUSON

MF-240 50HP

- > Most Economical in 50HP Range.
- > Rugged, Maneuverable and Compact.
- > Easy Accessibility to Service Points.
- > Ideal, Versatile, All-round Tractor.
- > Spring Suspension Deluxe Seat.
- > Availability of Parts & Service Facilities at your Doorstep.



PERFORMANCE

Maximum Engine Power at 2,250 rpm	50 (B.S) hp*
Maximum Torque at 1,400 rpm	172Nm
Maximum PTO Power at Rated Engine Speed	44hp**
* Certified at BS AU 141a 1971	
** Manufacturer's estimate	

ENGINE

Type	Diesel AD 3.1524
No. of Cylinders	3
Injection	Direct
Bore	91.4mm
Stroke	127.0mm
Capacity (litres)	2.5l
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, Air Swirl
Fuel Filter	Dual, High Capacity
Exhaust	Vertical Muffler Under Bonnet

ELECTRICS

Voltage	12V, Negative Earth
Battery	110 Ah
Starter	2.2 kW
Alternator	32 Amp

CLUTCH

Type	Dual Clutch
Diameter	305 x 254 mm

TRANSMISSION

Type	Sliding Spur
Number of Gears	8 forward, 2 reverse
Road Speed at 2,250 Engine RPM with 12.4/11-28 Tyres	
Gear	Speed (km/hr)
Forward 1 (First Low)	2.7
Forward 2	3.9
Forward 3	5.3
Forward 4	7.2
Forward 5 (First High)	10.6
Forward 6	15.4
Forward 7	21.3
Forward 8	28.6
Reverse 1 (Low)	3.6
Reverse 2 (High)	14.5

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	19.2 MPa
Max. Lift Capacity with Lower Links Horizontal	1,415 kg
Lower Links	With Cat, I & II interchangeable balls

FRONT AXLE

Type	Box Section, Adjustable
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STEERING

Steering	Manual
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REAR AXLE & BRAKES

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

INSTRUMENTATION

Gauges	Technometer, Hour meter, Fuel Level, Battery Condition & Water Temperature
Warning Lights	Direction Indicators, Battery Charge, Headlight Main Beam, Low Engine Oil Pressure & Brake Lights

TYRES

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

TRACK ADJUSTMENT

Front	1,245 - 1,854 mm
Rear	1,321 - 1,930 mm

WEIGHT & DIMENSIONS

Weight	
Max. weight front axle	633 kg
Max. weight rear axle	1,017 kg
Gross Weight	1,650 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
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CAPACITIES

Fuel Tank	47.5l
Engine Pump	6.8l
Cooling System	10.2l
Hydraulic System	33.0l
Steering Box	0.9l
Oil Bath Air-Cleaner	0.65l

STANDARD EQUIPMENT

Weight frame without weights, standard tool box with set of tools, Top Link, Top Link End Cat-I, Cat I & II balls, Check Chains, Spring Suspension Seat, Flat Top Fender & Operator's

OPTIONAL EQUIPMENT

Front End Weights, Sun Canopy, Swinging Draw Bar



Massey Ferguson 260

MASSEY FERGUSON

- High Performance, Fuel Efficient, Diesel Turbo charged Engine.
- Less Smoke Emission due to Better Fuel Burning.
- Oil Cooler added for Effective Cooling of Tube Wells, Rotavators, Threshers etc.
- Robust Straddle Rear Axle.
- Efficient Oil Immersed Disc Brakes.
- Spring Suspension Deluxe Seat.



MF-260
60HP

PERFORMANCE

Maximum Engine Power at 2,250 rpm	60 (B.S.) hp*
Maximum Torque at 1,600 rpm	212 Nm
Maximum PTO Power at Rated	48 hp**
Engine Speed	
* Certified at BS AU 141a 1971	
** Manufacturer's estimate	

ENGINE

Type	Diesel T 3.1524
No. of Cylinders	3
Injection	Direct
Bore	91.4mm
Stroke	127.0mm
Capacity	2.5l
Compression Ratio	15.5 : 1
Aspiration	Turbo
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	Air Cooled, Fin Type

ELECTRICS

Voltage	12V, Negative Earth
Battery	110 Ah
Starter	2.2 kW
Alternator	32 Amp

CLUTCH

Type	Dual Clutch
Diameter	305 x 254 mm

TRANSMISSION

Type	Sliding Spur
Number of Gears	8 forward, 2 reverse
Road Speed at 2250 Engine rpm with 14.9/13-28 rear Tyres	
Gear	Speed (kph)
Forward 1 (First Low)	2.7
Forward 2	3.9
Forward 3	5.3
Forward 4	7.2
Forward 5 (First High)	10.7
Forward 6	15.6
Forward 7	21.3
Forward 8	28.7
Reverse 1 (Low)	3.6
Reverse 2 (High)	14.5

POWER TAKE OFF

Type	Live
Engine speed at 240 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 with Lower Links	2,145 kg
Horizontal Lower Links	With Cat. I & II interchangeable balls

FRONT AXLE

Type	Box Section, Adjustable
Steering	Manual

REAR AXLE AND BRAKES

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

INSTRUMENTATION

Gauges	Technometer, Hour meter, Fuel Level, Battery Condition & Water Temperature
Warning Lights	Direction Indicators, Electric Charge, Head Light Main Beam, Low Engine Oil Pressure & Brake Lights

TYRES

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

TRACK ADJUSTMENT

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

WEIGHT & DIMENSIONS

Weight	
Maximum weight front axle	729 kg
Maximum weight rear axle	1,171 kg
Gross Weight (Approx) with full fuel, oil & water	1,900 kg

Dimensions	
Wheel Base	1,892 mm
Overall Length	3,260 mm
Overall Width (Min)	1,890 mm

Height	
Over Exhaust	2,220 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	47.5l
Engine Pump	6.8l
Cooling System	10.2l
Hydraulic System	36.0l
Steering Box	0.9l
Oil Bath Air-Cleaner	0.5l

STANDARD EQUIPMENT

Weight frame without weights, standard tool box with set of tools, Top Link, Top Link End Cat-I, Cat I & II balls, Check Chains, Operator's Manual

OPTIONAL EQUIPMENT

Front End Weights, Sun Canopy, Swinging Draw bar



Massey Ferguson 375

MASSEY FERGUSON

- › Hydrostatic Power Steering for Comfortable Driving.
- › Hydraulically Actuated, Oil-Immersed Multi-Disc brake System with Pendant Paddle.
- › Robust Straddle Rear Axle with Epicyclic Reduction Unit.
- › Heavy Duty Front Axle & Support.
- › Fuel Efficient, High Performance Engine 4.248
- › Greater Pulling Power.
- › Greater PTO Power.
- › Spring Suspension Deluxe Seat.
- › Easy Accessibility to Service Points.
- › Spacious Operator's Area.



MF-375
75HP

PERFORMANCE	
Engine Power at 2,000 rpm	75 (B.S.) HP*
Torque at 1,400 rpm	290 Nm
PTO Power at Rated engine speed	69.5 hp*
PTO Power at 540 rpm	63.0 hp
* Certified at BS AU 141a 1971	
** Manufacturer's estimate	

ENGINE	
Type	Diesel / 4.248
No. of Cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (litres)	4.07 l
Aspiration	Natural
Compression Ratio	16 :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

Note: This is a premium heavy duty engine with turfed crankshaft for longer life in adverse conditions.

ELECTRICS	
Voltage	12V, Negative Earth
Battery	110 Ah
Starter Motor	2.8 kW
Alternator	45 Amp

CLUTCH	
Type	Dual Clutch
Diameter	305 x 254 mm
Lining Material	Cerametalllic

TRANSMISSION	
Type	Sliding Spur
Number of Gears	8 forward, 2 reverse

Road Speed at 2,000 Engine rpm with 16.9/14x30 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)	3.1
Reverse 2 (High)	12.6

POWER TAKE OFF	
Type	Live
Engine speed at 240 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	16.7l /min
Maximum Pressure	21.2 MPa at normal operating temperature
Max. Lift Capacity with Lower Links	2,145 kg
Horizontal	With Cat. I & II interchangeable balls

FRONT AXLE	
Type	Heavy Duty Box Section, Adjustable

STEERING	
Type	Hydrostatic

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
Brake Actuation	Hydraulic
Parking Brake	Hand lever operated

INSTRUMENTATION	
Gauges	Technometer, Hour meter, Fuel Level, Battery Condition & Water Temperature

Warning Lights	Direction Indicators, Electric Charge, Headlight Main Beam, Low Engine Oil Pressure, Brake Lights & Auxiliary Socket
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TYRES	
Front	7.50 - 16 (6PR)
Rear	16.9 / 14 - 30 (6PR)

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

WEIGHT & DIMENSIONS	
Weight	
Maximum weight front axle	942 kg
Maximum weight rear axle	1,413 kg
Gross Weight	2,355 kg

Dimensions	
Wheel Base	2,170 mm
Overall Length	3,670 mm
Overall 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	465 mm

CAPACITIES	
Fuel Tank	108.0l
Engine Pump	7.5l
Cooling System	15.2l
Hydraulic System	36.0l
Hydrostatic Steering Reservoir	2.0l
Oil Bath Air-Cleaner	0.7l
Brake Oil	0.25l

STANDARD EQUIPMENT	
Weight frame without weights, standard tool box with set of tools, Top Link, Top Link End Cat-I, Cat I & II balls, Check Chains, Spring Suspension Seat & Operator's Manual.	

OPTIONAL EQUIPMENT	
Front End Weight, Swinging Draw bar, Sun Canopy, Pintle Hook.	



Massey Ferguson 385

MASSEY FERGUSON

MF-385 85HP - 2WD

- High Performance 4.41 Diesel Low Noise Engine.
- Reduces Gaseous Emission Under ECE R49.
- Reduced Smoke Level.
- Oil Cooler added for Effective Cooling.
- Hydrostatic Power Steering.
- Efficient Oil Immersed Disc Brake System.
- Spring Suspension Deluxe Seat.
- Easy Accessibility to Service Points.



PERFORMANCE

Engine Power at 2,200 rpm	85(B.S.) hp*
Torque at 1,400 RPM	291 Nm
PTO Power at Rated	70 hp**
Engine Speed	

* Certified at BS AU 141a : (1971)

** Manufacturer's estimate

ENGINE

Type / Make	Diesel / 4.41
No. of Cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity (litres)	4.1 l
Compression Ratio	15.3 : 1
Aspiration	Natural
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
Oil Cooler	Water Cooled

ELECTRICS

Voltage	12V, Negative Earth
Battery	110 Ah
Starter	2.8 kW
Alternator	45 Amp

CLUTCH

Type	Dual Clutch
Diameter	305 x 254 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 (kph)
Forward 1 (First Low)	2.7
Forward 2	3.7
Forward 3	5.1
Forward 4	6.8
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	4 Piston Ferguson Pump
Maximum Oil Flow	16.7 l/min
Maximum Pressure	21.2 MPa at normal operating temperature
Max. Lift Capacity with Lower Links	2,145 kg
Horizontal	
Lower Links	With Cat, I & II interchangeable balls

FRONT AXLE

Type	Heavy Duty Box Section, Adjustable
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STEERING

Type	Hydrostatic
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REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction unit
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Breaking Area	1,774 Sq.Cm
Brake Actuation	Hydraulic
Parking Brake	Hand Lever Operated

INSTRUMENTATION

Gauges	Technometer, 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 (6PR)

TRACK ADJUSTMENT

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

WEIGHT & DIMENSIONS

Weight	
Maximum weight front axle	1,069 kg
Maximum weight rear axle	1,366 kg
Gross Weight	2,435 kg

Dimensions

Wheel Base	2,286 mm
Overall Length	3,760 mm
Overall Width (Min)	1,871 mm

Height

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

Turning Circle

Without Brakes	7,502 mm
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Ground Clearance

Under Gear Box	501 mm
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CAPACITIES

Fuel Tank	108.0l
Engine Pump	7.5l
Cooling System	15.2l
Hydraulic System	36.0l
Hydrostatic Steering Reservoir	2.0l
Oil Bath Air-Cleaner	0.7l
Brake Oil	0.25l

STANDARD EQUIPMENT

Weight frame without weights, standard tool box with set of tools, Top Link, Top Link End Cat-I, Cat I & II balls, Check Chains, Spring Suspension Seat, Flat Top Fender & Operator's Manual.

OPTIONAL EQUIPMENT

Front End Weight, Swinging Drawbar, Sun Canopy, Pintle Hook.



Massey Ferguson 385 (4WD)

MASSEY FERGUSON

MF-385 85HP - 4WD

- Traction 30% more than 2WD
- Drawbar Power 16% more
- Drawbar Pull 34% more
- Tyre Wear 15% less
- Fuel Efficiency 15% more
- Field Work Speed 13-20% more



PERFORMANCE

Maximum Engine Power at 2,200 rpm	85(B.S.)hp*
Maximum Torque at 1,600 rpm	291 Nm
Maximum PTO Power at 2,200 engine70 hp** speed	
* Certified at BS AU 141a : (1971)	
** Manufacturer's estimate	

ENGINE

Type / Make	Diesel / 4.41
No. of Cylinders	4
Injection	Direct
Bore	101 mm
Stroke	127 mm
Capacity	4.1 l
Compression Ratio	15.3 : 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 with Sedimentor
Exhaust	Vertical Muffler
Oil Cooler	Water Cooled

ELECTRICS

Voltage	12V, Negative Earth
Battery	110 Ah
Starter / Alternator	45 Amp / 2.8 kW

CLUTCH

Type	Dual
Diameter	305 x 254 mm
Lining Material	Cerametallic

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 (kph)
Forward 1 (First Low)	2.7
Forward 2	3.7
Forward 3	5.1
Forward 4	6.8
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 240 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
Max. Lift Capacity with Lower Links	2,145 kg
Horizontal Lower Links	With Cat. I & II interchangeable balls

4WD FRONT AXLE

Type	Parallel drive
Engagement	Mechanical

STEERING

Type	Hydrostatic
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REAR AXLE AND BRAKES

Axle Type	Straddle with epicyclic reduction
Brake Type	Oil immersed, multi-disc
Brake Pedal	Pendant
Breaking Area	1,774 Sq.Cm
Brake Actuation	Hydraulic
Parking Brake	Hand Lever Operated

INSTRUMENTATION

Gauges	Technometer, 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	12.4 / 11 - 24 (6PR)
Rear	18.4 / 15 - 30 (6PR)

TRACK ADJUSTMENT

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

WEIGHT & DIMENSIONS

Weight	
Maximum weight front axle	1,211 kg
Maximum weight rear axle	1,549 kg
Gross Weight	2,760 kg

Dimensions

Wheel Base	2,350 mm
Overall Length	3,810 mm
Overall Width (Min)	1,817 mm

Height

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

Turning Circle

Without Brakes	8,518 mm
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Ground Clearance

Under Gear Box	501 mm
Under 4WD Front Axle	395 mm

CAPACITIES

Fuel Tank	108.0l
Engine Pump	7.5l
Cooling System	15.2l
Power Steering Reservoir	2.0l
Hydraulic System	42l
Oil Bath Air-Cleaner	0.7l
Brake Oil	0.25l
4WD Front Axle Differential	5.6l
Hub Each Side	1.0l

STANDARD EQUIPMENT

Weight frame without weights, standard tool box with set of tools, Top Link, Top Link End Cat-I, Cat I & II balls, Check Chains, Spring Suspension Seat, Flat Top Fender & Operator's Manual.

OPTIONAL EQUIPMENT

Front End Weight, Swinging Drawbar, Sun Canopy, Pintel Hook.

OPERATOR AREA

Seat	Cushioned
Fenders	Flat Top
Tool Box	Standard



NH 55-56 in 55 HP (2 WD)



Engine Power	55HP
Operating Weight	2070 Kg.
No. of Cylinders	3
Bore Stroke	100 X 115 mm
Piston Displacement	2710 cc
Maximum Power	@ 2500rpm
Maximum Torque	@ 1500rpm
Pump	Distribution Injection type.
Battery	12 Volts 105 Ah.
Air Filter	Oil bath
Fuel Filter	02 replaceable cartridges
Fuel Tank Capacity	61 Liters
Transmission	Gear box with constant mesh gears:8 forward and 2 reverse speeds: Synchronmesh on 3rd,4th,7th,& 8th speeds.
Brakes	Service Disc type, oil bath, mechanical control, simultaneous or independent
Brakes (Parking)	Dependent, operating on service brakes, with hand control lever and flashing light.
Steering	Hydrostatic power steering with independent circuit
	Deluxe, with parallelogram suspension and hydraulic shock absorber,adjustable to
Driver's seat	driver's weight, reach and height.
Power Take Off	540rpm (1 3/8" -6 spline Shaft)@ 1970 engine rpm
Hyd. Pump	Gear type pump driven from engine.
Pump Capacity	34.5 L/min.
Maximum lifting capacity	2200 Kg.
Tyre (Front)	6.00-16
Tyre (Rear)	14.9/13-28
D.T.O.	Speed same as engine -Anti clockwise optional.



NH 60-56 in 65 HP (2 WD)



Engine Power	60HP
Operating Weight	2070 Kg.
No. of Cylinders	3
Bore Stroke	104 X 115 mm
Piston Displacement	2931 cc
Maximum Power	@ 2500rpm
Maximum Torque	@ 1500rpm
Pump	Distribution Injection type.
Battery	12 Volts 105 Ah.
Air Filter	Oil bath
Fuel Filter	02 replaceable cartridges
Fuel Tank Capacity	61 Liters
Transmission	Gear box with constant mesh gears:8 forward and 2 reverse speeds: Synchronesh on 3rd,4th,7th,& 8th speeds.
Brakes	Service Disc type, oil bath, mechanical control, simultaneous or independent
Brakes (Parking)	Dependent, operating on service brakes, with hand control lever and flashing light.
Steering	Hydrostatic power steering with independent circuit
Driver's seat	Deluxe, with parallelogram suspension and hydraulic shock absorber,adjustable to driver's weight, reach and height.
Power Take Off	Fully independent 13/8" - 6 spline Shaft:540 rpm @ 1970 engine rpm
Hyd. Pump	Gear type pump driven from engine.
Pump Capacity	34.5 L/min.
Maximum lifting capacity	2200 Kg.
Tyre (Front)	6.00-16
Tyre (Rear)	14.9/13-28
D.T.O.	Speed same as engine -Anti clockwise optional



NH 70-56 in 85 HP (4 WD)



NH 70-56 4WD Specifications

ENGINE POWER		4 WD FRONT AXLE		GENERAL FEATURES	
At flywheel	85 HP	Axle Type	Parallel Drive	Efficient and automatic hydraulic system with latest technology of lift-o-matic	
OPERATING WEIGHT		Engagement	Mechanical	Excellent fuel consumption	
2600 KG		DRIVER'S SEAT		Heavy duty oil cooled disc brakes	
ENGINE		Deluxe, with parallelogram suspension and hydraulic shock absorber, adjustable to driver's weight, reach and height		Adjustable & comfortable driver seat	
Model	New Holland Fiat 8045.05.	POWER TAKE OFF		Hydrostatic power steering	
Type	Vertical, Water Cooled, 4 cycle Diesel Direct injection, Naturally aspirated	Type	Live	Ease of engine hood for maximum access to engine service points	
Cylinder Arrangement	4 Cylinder in line	Engine Speed at 540 PTO rpm	1750 rpm	Advance & more visible instrument panel	
Bore & Stroke	104 x 115 mm	Shaft Diameter	35 mm	BRAKES	
Piston Displacement	3938 cc	No of Splines	6	Brake Type	Oil immersed, Multi-disc
Compression Ratio	17:1	HYDRAULIC LIFT		Brake Pedal	Pendant
Max. torque at 1500 RPM	27 Kgm	Lift-o-matic, automatic, with draft, position and mixed control. Draft control through the top link. pump capacity 34.5 L/min. (Max.). Relief valve opening pressure 190 Kg/cm2. Automatic lifting and lowering device. Lowering speed adjustment & transport lock. Lifting capacity 2200 Kg		Brakes Actuation	Hydraulic
Dry type Cylinder Liners		ELECTRICAL SYSTEM		Parking Brake	Hand Lever Operated
Cooling System	Water Cooled Radiator	Electrical System		STANDARD EQUIPMENT	
Lubrication System	Force feed	Voltage	12 V	Weight frame without weights, standard tool box with set of tools, top link, top link end, Cat-I,II, Check Chains, Stabiliser Chains and operator manual.	
Fuel Injection	Distributor type injection pump with mechanical speed governor	Starting Motor	4 Hp (3KW)	OPTIONAL EQUIPMENT	
FILTERS		Alternator	400 W	Front end weights, Swinging drawbar, Sun Canopy, Rear Counter weights, Pintle Hook and 9 Hole Drawbar.	
Air: Oil-bath air cleaner with semi automatic type dust unloader pre cleaner		Battery	110/120Ah	OPERATOR AREA	
Fuel: Two replaceable cartridges;		Starter safety switch		Seat	Cushioned
Oil Filter: Easy to change, flow cartridge.		High-low beam head lights		Fenders	Flat Top
Exhaust Muffler: Vertical		Parking, direction, stop lights		Tool	Standard
CLUTCH		Multiple gauge instrument panel, Rear flood light		OPERATION	
Type	Dual	OPERATION		Parking Dependent, operating on service brakes, with hand control lever and flashing warning light	
Diameter	305 mm x 254 mm	STEERING		Hydrostatic power steering with independent circuit	
Lining Material	Cerametallic	AI-Ghazi Tractors Ltd reserve the rights to change specifications without prior notice.			
TRANSMISSION					
Gear box with constant-mesh gears Synchromesh on 3rd, 4th, 7th, and 8th speeds					
Double control lever, Differential with mechanically operated lock, spur gear final drives					
TYRES					
Front:	12.4/11-24				
Rear:	18.4/15-30				



Agri Implements

Agricultural Implements

Disc Plough 2, 3, 4, Discs

Disc Plough used for deep ploughing in root-infested, sticky, stony, and hard soils. Mixes remains of crops and weeds throughout the depth of ploughing, hence it is ideal for rain-fed areas for checking soil erosion by water and wind. Spring loaded floating rear furrow wheel control the side draft to ensure straight work and ease of handling by smaller tractor. Re-greasable Taper Roller Bearing in disc hubs. Disc angle adjustable to vary the penetration with varying soil conditions. Cat I and II linkage. Disc Scrapers are also adjustable to ensure that the Discs remain clean in all conditions.

Specifications:

1. Frame Type	Tubular Seamless Steel Pipe
2. Number of Furrow	2, 3, 4
3. Furrow Width	254 mm
4. Max. Working Depth	300 mm
5. Longitudinal Clearance	522 mm
6. Furrow Wheel Dia	508 mm
7. Plain Discs	660 mm-inside or outside bevel
8. Bearings	Tapper Roller
9. Weight	360 kg (3 Furrow)
10. Tractor	Above to 50 HP



Offset Disc Harrow

Mounted Cum Trailed - The offset Disc Harrow has a heavier weight per Disc and thus have 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 eradicates 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:

1. Model	OTI-03	OTI-03	OTI-03
2. No. of Discs	14 Discs	16 Discs	18, 20, 22, 24
3. Disc Size	61cm (24")	61cm (24")	
4. Weight	590 kgs	685 kgs	
5. Working Width	145cm (57")	167.5 cm (66")	
6. Tractor Compatibility	50 hp	60-85 hp	



Bed Shape Planter MULTI-PURPOSE

- It performs four functions at a time i-e marking beds, furrow, applying seeds and spreading fertilizer.
- It forms two beds and three furrows in single operation.
- It provides better weed control.
- It forms flat bed to address salt stress.
- It provides better water management and fertilizer use efficiency.
- It is provided with placer wheel for the placement of seed of proper depth.

Machine

Frame	50 x 50 x 6mm Ms Box and 6mm M.S plate
Mast	50 x 12 mm and 38 x 12 mm M.S Plate
Hitch	75 x 36 x 6 mm M.S box
Tine	50 x 20 mm M.S plate 760 mm long & shank ok 50 x 20 M.S flat.
Wings	330 x 330 mm of 4 mm M.S sheet, adjustable
Driven	
Length	1520 mm
Height	2240 mm
Width	2240 mm
Tyre Size	
Approx.Weight	470 kg

ADVANTAGES

- 50% save water
- 25% save fertilizer
- 25% increase in Yield
- 25% save Time





Agri Implements

Agricultural Implements

Farm Trailer

Farm Trailer provides cost effective means of farm transportation. All steel body robust construction trailers provide a selection of sizes 3.5-12 tons.

1	Lift Capacity	5 ton	8 Ton
2	Tractor Compatibility	40-50 HP	Above 50 HP
3	Size	11'x6.5'x2.25'	11'x7'x2.25'
4	Bed Sheet Gauge	SWG 12	SWG 12
5	Side Sheet Gauge	SWG 12	SWG 12
6	Axle Size	4-1/2"x3/8"	4-1/2"x3/8"
7	Frame Channel Size	7"x3"	7"x3"
8	Tyre Size	9.00-16 or 8.25-20	8.25 x 20
9	No. of Tyres	2	4
10	Weight (without load)	1000 kg	1400 kg



Hydraulic Tipping Trailer

Specifications:

Description	Spec. A	Spec. B	Spec. C
Type	Hyd. Tipping	Hyd. Tipping	Hyd. Tipping
Capacity	4-Ton	5-Ton	8-10 Ton
Vessel Size	10' x 6.5' x 2'	11' x 6.5' x 2'	12' x 7' x 2.5'
Floor	MS Sheet SWG 10		
Side Wall	MS Sheet SWG 12		
Chassis Frame			
Lower Channel	8' x 3'	8' x 3'	10' x 3'
Upper Channel	6' x 3'	6' x 3'	6' x 3'
Axle Size			
Length	52"	52"	56"
Outer Dia	5"	5.5"	6"
Wall Thickness	3/8"	3/8"	3/8"
Rims			
Quantity	2	2	4
Size	8.25-20	8.25-20	8.25-20



Tipping Device Double acting heavy duty locally made Ram with mechanical linkage

Tipping Angle 55 Degrees

Maximum Lift Time 10 Seconds at 1,500-1,789 rpm of Tractor Engine to its full height in empty condition

Hydraulic Kit for Trolley

Spool Valve Imported from USA, Italy or UK, minimum Rod Dia, 20mm

Selector Valve Imported from USA, Italy or UK, minimum Rod Dia, 20mm

Hud. Hoses Imported from above Countries, the Crimping and Hoses should bear a pressure of 4000psi. There should be no joint between two connections.

Quick Attachment Coupler Set Imported

Wheat / Rice Planter

The Rice planter works with forward movement of tractor. The rice planter is consisting on seed box, metering mechanism and seed tubes. Seed adjusting lever and Used for sowing rice etc., in rows and at uniform depth.

This series rice planter is suitable for drilling rice, wheat, sorghum, rice, etc.





Agri Implements

Agricultural Implements

Chisel Plough

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. This 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 (50hp) 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 subsoiler and upto maximum depth for breaking of hard pan even with 50hp tractor. Yield per acre can be increased considerable 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 of land, maintaining moisture contents for longer periods and safeguarding 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" without much efforts
3. Shovels easily replaceable
4. Working width 1.20 Meters
5. Tractor compatibility Above 50 hp



Ridger

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

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:

- | | |
|----------------------------|---|
| 1. Max. Row Spacing | 711 m (Decreasing in increments of 25 mm) |
| 2. Overall width | 1,778 mm |
| 3. Depth | 1,050 mm |
| 4. Clearance (under frame) | 550 mm |
| 5. Weight | 145 kg |
| 6. Tractor Compatibility | Above 50 HP |



Seed Drill

Used for sowing cereal crops like wheat, barley, rice etc., in rows and at uniform depth. Tractor mounted versions for easy transport are available in 11, 13 and 15 row versions with or without fertilizer attachments. Kits for sowing acid-delinted cotton seed, wheat, maize, pruces, corn, sun-flower, grams, rape seed are also available for use with drills. Seed/Fertilizer metering system is driven by the machine ground wheels fitted with the machine or as an option inside/rearside.



Number of Rows	9	11	13	15
Row Spacing (adjustable)	4" - 6"	→	→	→
Depth of Sowing (adjustable)	0" - 6"	→	→	→
Seed Metering	Fluted	→	→	→
Mechanism	Wheel (Plastic)	→	→	→
Seed Rate	Adjustable	→	→	→
Seed Hopper Capacity	80 Litre	→	100 Litre	
Furrow Openers	Single Shoe	→	→	→
Field Capacity (Acres/Hrs)	4	5	6	7
Tractor Compatibility (H.P.)		45-55	50-60	60-85





Agri Implements

Agricultural Implements

Agriculture Loader

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:

1	Tractor Compatibility	For MF-375/385	For MF 240/260
2	Bucket Type	Closed earth Bucket with digging teeth	
3	Bucket Volume	1 Cubic meter	0.5 Cubic meter
4	Lifting Time	3 - 6 seconds	
5	Max. Lift Capacity	1,000 kg	750 kg
6	Operation	Hydraulic	Hydraulic
7	Lift Height at Pivot Point	(10' - 6") 3 meter	(9' - 6") 2.9 meter
8	Lift Ram	2, Double Acting	
9	Bucket Ram	Single, Double Acting	



Tine Tillers

- Ideal for general cultivating, weeding, pasture renovating and preparing seedbeds.
- The tiller is available in 4 widths: 9, 11, 13 & 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 163kg: 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 in most soils is simply controlled while sitting on the tractor seat.



Specifications:

1. Number of Tines	9	11	13
2. Linkage Category	1	I&II	I&II
3. Frame	Round Steel torsion tubes	Round Steel torsion tubes	Round Steel torsion tubes
4. Overall Width	2,180mm	2,900mm	2,900mm
5. Overall Length	813mm	813mm	813mm
6. Tine Spacing	178mm	229mm	229mm

7. Overall Height	1.02m	1.02m	1.02m
8. Cultivating Width	1,880mm	2,590mm	2,790mm
9. Max. Working Depth	229mm	229mm	229mm
10. Weight	209 kg	236 kg	266 kg
11. Settings Type of Tines Shovels	Spring loaded 15mm reversible		
12. Tractor Compatibility	25-36 HP	35-55 HP	Above 50 HP

Mould Board Plough

The most important Plough for primary tillage in canal irrigated or heavy rain areas where too much weeds grow. 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:

1	Models	MT-02 (M)	MT-02 (H)
2	Max. Depth	22 cms	25 cms
3	Working Width	85 cms	90 cms
4	Weight	225 kg	355 kg
5	Tractor Compatibility	35 to 55 hp	60 plus hp
6	Linkage Category	I	II





Agri Implements

Agricultural Implements

Front Blade

The Power dozers are designed and built to match the performance of the MF Tractors. They are operated hydraulically by single or twin double acting time. The points of attachment of the dozer to the tractor are reduced to an absolute minimum and the mounting buckets, 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:

1	Power Dozer to fit	MF 240, 260, 375, 385 tractors
2	Blade	Model MT-08/1 = 6'x22" (Single Ram) Model MT-08/2 = 6.5'x30" (Twin Ram)
3	Cutting Edge	152mm (6")x12.7mm (1/2") Second high carbon/alloy steel reversible and replaceable
4	Hydraulic Ram	Heavy duty, double acting
5	Control Valve	Open centre double acting spool valve
6	Blade movement	Maximum lift 533mm (21"). Maximum depth below ground 102mm (4")



Rear Blade

Land Leveling, yard cleaning, farm road grading, snow clearing, ditching and terracing, backlifting, 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 leveling.

- Angle and pitch of blade are also adjustable from tractor seat.
- Blade pitch is adjustable from 0 to 40 degree 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 and lower link allows the blade to be tilted for digging ditches or irrigation channels.

Specifications:

Mounting:	Category 1, three-point linkage
Construction:	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., 8ft., 10ft.
Overall length:	5 ft. (with grader wheel)
Weight:	7ft. 170 kg.
Accessories:	Grader wheel kit
Tractor Compatibility:	Above 50 HP



Boom Sprayer

Specifications:

Horse Power	50 hp & above
Boom Width	33, 43, 48, 53, feet
Spray Width	35, 45, 50, 55 feet
Spray Tank	Fiber Glass
Tank Capacity	500/600 liters with Agitator

Pressure control system diaphragm pressure control chest with glycerin filled gauge

Main frame	Made of MS pipe
Boom frame	Made of MS pipe
Spray pipes	S.S pipes
Nozzle tips filter	Tips With Anti Drip
Pump	3 plungers
Plunger Size	42 mm
Discharge rate	90 liter per minute
Strainers	1 Tank Mouth Filter 1 Tank bottom Filter 3 Extra Filters on supply lines
Pipes	High Pressure Rubber Pipes
Pipe	High Pressure Nylon Synthetic
Drive	P.T.O Driven





Rotavator

- ⚙ Monoblock Design – Lateral Transmission
- ⚙ Power Driven Shaft
- ⚙ Single Speed Gear Box
- ⚙ Oil Bath Input + Side Gear Box
- ⚙ Adjustable Rear Shield
- ⚙ Adjustable Skid Shoes



- Carries out shallow tillage operations
- Curved blades slice through the soil
- Chop surface residue
- Mix all material in the disturbed layer.
- Pulverize the soil and buries weeds and crop residue.
- 6 Blades on one flang.
- 8-9in flang distance.
- Heat treated blades
- Durable against torque and stress.
- Smooth, efficient power transmission and superior durability.
- Grease fittings on driveline and rotary shaft.

SPECIFICATION

Working Width (mm)	1550	1800	2050	2400	2680
Working Depth (mm)	220	220	220	220	220
No. of Blades	36	42	48	54	60
Power Req.	>50HP	55-60HP	60-75HP	75-90HP	>90HP
Type of Blades	Curved Tip Steel Blades - 'L' type				
Speed @ 540 RPM	214	214	214	214	214



Pneumatic Planter

Adjustable seed depth control system to ensure seed is placed in suitable moisture environment that can later be covered with adequate soil. Preserves the seed from internal and external obstacles that prevent it from maturing. Easy to operate and maintain. Greater Output & Less weed.



SPECIFICATION

Seed to Seed Distance:	10-25cm Adjustable
Row to Row Distance:	45-75cm Adjustable
Number of markers:	2 Nos.
Crops:	Sunflower, Maize, Cotton, Sorghum, Tomatoes and other vegetables.
Attachment:	Cat II
Seeding:	48 Liter Capacity - Pneumatic System
Fertilizer:	152 Liter Capacity - Adjustable distance and depth from seed.
Rows:	4
Length:	2000 mm
Width:	2570 mm
Height:	1200 mm
Weight:	570 kg
Seeding Rate:	2ha/hr @ 5km/hr
Power Req:	> 45HP



Potato Planter

- ✦ Used for making ridges and planting seeds simultaneously with the help of labour.
- ✦ Capacity: 0.3ha/hr
- ✦ Power Requirement: 50HP/37KW
- ✦ Working width: 1500mm



SPECIFICATION

	TWO ROWS	FOUR ROWS
Horse Power Required	50 hp & above	85 hp & above
Seed Capacity	240 kg	600 kg
Fertilizer Box	150 kg	300 kg
Distribution Through Silver Aluminum Fluted Wheel	4 Nos.	8 Nos.
Speed 1	1440 kg	2800 kg
Speed 2	1680 kg	3360 kg
Speed 3	1920 kg	3840 kg
Seed Rate Gear Box		
Double Conveyer System Seed Holder	96 Nos. Cups	192 Nos. Cups
Line to Line Distance	28, 29, 30, inches	28, 29, 30, inches
Seed to Seed Spacing	6 inches	6 inches



Potato Harvester

- ✦ Rear Mounted. PTO Operated.
- ✦ Harvested crop is collected manually.
- ✦ 98% Efficiency.
- ✦ Tractor requirement: 50HP+
- ✦ Output: 0.1ha/hr
- ✦ Uproots the crops and separates the potatoes from the soil.



SPECIFICATION

Power Req.	>50HP
Digging System	Conveyer
Diggin Width	1350 mm
Row-to-row Distance	28, 29, 30 Inches
Digging Roller	Adjustable
Drive	PTO
Length	2745 mm
Width	1675 mm
Height	915 mm



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