

mFORCE™ SERIES



- #1 Selling Tractor in the World
- 98% Customer Loyalty Rating
- 5-year Limited Powertrain Warranty



DEMING PRIZE
2003



JAPAN QUALITY MEDAL
2007

Mahindra
Tractors

A NEW STANDARD IN THE HIGHER HP SEGMENT - mFORCE Series

Introducing a new standard of high horsepower tractors. The Mahindra mFORCE is a powerful and heavy-duty full-size utility tractor. With professional-grade 105 HP models, a wide range of available implements and a 5-Year Limited Powertrain Warranty – there is a model to meet your needs.

Key Features:

- Your choice of 12x12 Power Shuttle Transmission (105S) or 24x24+8 Creeper Power Shuttle – Power Shift Transmission (105P)
- 2 door roomy cab with superior visibility and all-season comfort
- Heavy-duty, mechanical self-leveling loader with 4,129 lbs. lift capacity
- Powerful 3-point hitch control with fender switches for easy hook-up (105P)
- Independent and electronic hydraulic PTO
- Front/ Rear radial tires – Standard
- 5-year Limited Powertrain Warranty – Standard



Rear view



Cabin

- Spacious 2-door cab
- Tinted windows
- All-weather comfort
- Electronic 3-point hitch control (105P)

- Comfortable suspension seat
- Ergonomic design and easy access to all controls
- Easy entry/egress

EXCEPTIONAL PERFORMANCE. GREAT VALUE.

Engine – turbo-charged, four-stroke, direct-injection, diesel

Transmission – Power shuttle, power shift with synchro mesh

Hydraulics – Open center, full- live electro-hydraulic with position and draft control

Operating Weight – 8,666 lbs. – sturdy, well-built, steel chassis

Horsepower – 105

Tires – Ag (Radial)

Loader – Lift up to 4,129 lbs. at 141.7” high with the 105L front loader

Warranty – 5-year limited powertrain (See Mahindra warranty and your dealer for details)



mFORCE 105P

AVAILABLE IMPLEMENTS

Mahindra offers a huge selection of implements to help you accomplish whatever task you wish to tackle and provide a complete Mahindra experience.

- Wide array of implements (186 variations)
- Competitive financing terms
- Standard-, Medium-, and Heavy-Duty implements to meet your needs
- Implements feature rugged construction with heavy-duty components
- 5-year rotary cutter gearbox limited warranty
- SNOW BLOWERS and SNOW REMOVAL equipment to meet cold-weather needs
- BEST VALUE in the market today



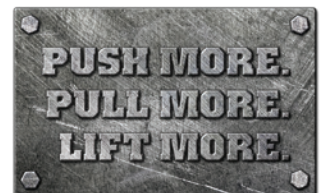
TRACTOR ATTACHMENTS

TRACTOR	mFORCE 105P	mFORCE 105S
LOADER		105L
Maximum Lift Height		141.7"
Clearance with Attachment Dumped		106.6"
Reach at Maximum Height		23.9"
Maximum Dump Angle		52°
Attachment Rollback Angle		40°
Digging Depth Below Grade		9.5"
Lift Capacity to Full Height @ Pivot Pins		4129
Breakout Force @ Pivot Pins		6025
Rated Flow (Tractor System)		15.6 gpm
Attachment Width		87"
Attachment Rated Capacity		20 cu. ft.
Cycle Times @ rpm		2200 rpm
Raise Boom [seconds]		5.2
Lower Boom [seconds]		3.7
Dump Attachment [seconds]		3.9
Retract Attachment [seconds]		2.6
Transport Weight [lbs.]		1967

Cab Features

including, but not limited to -

- HVAC
- Wide opening doors
- Flat platform
- Pneumatic suspension seat
- Excellent headroom and visibility



TRACTOR	mFORCE 105P	mFORCE 105S
ENGINE		
Type	Turbocharged, four-stroke intercooled, direct-injection diesel	
Cylinders	4	
Engine HP (kW) @ rpm	105 (78.3) @ 2300	
Compression Ratio	17:1	
Displacement inch ³ (cc)	208 (3409)	
Cylinder Sleeve	Dry	
Fuel Tank Capacity (gallons)	29.1 + 5.3 DEF reservoir	
ELECTRICAL		
Battery Capacity	12 volt, 110 amps	
Alternator	12 volt, 85 amps	
CLUTCH		
Type	Wet multi-plate	
TRANSMISSION		
Type	Power Shuttle, Power Shift with synchromesh	Power Shuttle with synchromesh
Number of Gears / Speeds	24F/ 24R + 8 Creepers	12F / 12R
STEERING		
Type	Hydrostatic power with tiltable column	
Pump Output (gallons per minute)	7.1	
BRAKES		
Type	Wet disc	
HYDRAULIC SYSTEM		
Type	Open center, full-live electro-hydraulic with position and draft controls	
Pump Output (gallons per minute)	15.6	
3-Point Linkage	Category 2 ball joints with telescopic lower links and adjustable outside stabilizers	
Lift Capacity (lbs.)	6860	
Rear Auxiliary Remote Valves	3 spool standard. 4 optional.	2 spool standard. 3 optional.
PTO		
Type	Electro-Hydraulic	
PTO RPM (engine rpm)	540 @ 2220 750 @ 2208 1000 @ 2227	540 @ 2220 1000 @ 2227
PTO HP (kW)	95.5 (70.2)	
OPERATING WEIGHT		
Total (lbs.)	8666	
DIMENSIONS with Ag Tires		
Overall Length Inches (mm)	176 (4470)	
Overall Width Inches (mm)	84.3 (2141)	
Overall Height to Top (top of Cab) inches (mm)	108.1 (2745)	
Turning Radius Minimum Feet (meters)	11.98 (3.635)	
TIRES Sizes and Options		
Ag (Front / Rear)	13.6R 24 / 18.4R 34	

Specifications and design subject to change without notice.