

Product Information

MF 400 Xtra Series

Key Features and Benefits



Engine	
Features	Benefits
7 Models (65 – 130 HP)	<ul style="list-style-type: none"> • Wide range ensures the customer can find the right power output for their application
MWM International (Perkins Licensee) / Perkins / AGCO Power Engines	<ul style="list-style-type: none"> • Proven technology • Highly reliable • Reduced down time and servicing costs due to good parts availability • Efficient engines reduce fuel costs



Front Axle – Four Wheel Drive	
Features	Benefits
4WD + Creeper option available with Side Drive 4WD	<ul style="list-style-type: none"> • Enables the use of 4WD with creeper gears
Input shaft for the front axle is aligned with the front axle central pivot point with Centre Drive 4WD	<ul style="list-style-type: none"> • Very low maintenance requirement • Enhanced turning angles when larger front tyres are fitted
Intermediate support bearing supplied along the drive shaft	<ul style="list-style-type: none"> • Enhanced driveline reliability

Hydraulics	
Features	Benefits
Open centre hydraulic system	<ul style="list-style-type: none"> Offers straightforward reliable operation
Proven oil immersed Ferguson scotch yoke pump for rear linkage	<ul style="list-style-type: none"> Reliable pump Low maintenance
Auxiliary pump for spools	<ul style="list-style-type: none"> Separate pump means flow rate to the spools is unaffected by linkage operation
Hydrostatic steering operated from a separate hydraulic system	<ul style="list-style-type: none"> Enhanced manoeuvrability Reduced effort for steering Reduced operator fatigue
Suction filters fitted to all pumps	<ul style="list-style-type: none"> Ensures an availability of clean oil to all pumps



Front Axle – Two Wheel Drive	
Features	Benefits
Fully adjustable axle in seven steps	<ul style="list-style-type: none"> Able to suit various crop configurations and field conditions
11° axle oscillation	<ul style="list-style-type: none"> Enables front tyres to maintain positive ground contact for increased tractor stability and effective steering

Electrics	
Features	Benefits
Full highway lighting provided as standard inc. horn	<ul style="list-style-type: none"> No further operator additions have to be made for road use (without implements)
3 work lights provided as standard	<ul style="list-style-type: none"> Plenty of light means improved productivity as the machine can be used at any time of the day or night



Wheels, Tyres and Weights	
Features	Benefits
Range of tyres, wheel and weight configurations are available across all 400 Xtra models including cross-ply and radial tyres, pressed steel wheels, high clearance wheels and cast rear wheels, rear wheel weights and front weights	<ul style="list-style-type: none"> Wheel and tyre configurations that allow the tractor specification to be tailored to the application and customer requirements

Transmission - PTO	
Features	Benefits
540 rpm 6 spline PTO as standard with dual 540 / 1000 rpm option available on MF 455 Xtra to MF 480 Xtra models	<ul style="list-style-type: none"> • Compatible with most implements • Increases the number of operations the machine can be used with



Rear Linkage	
Features	Benefits
Fully adjustable link rods with float position	<ul style="list-style-type: none"> • Easily fits a wide range of implements • Float position allows some travel on the implement during operation
External lift / lower control specified on cab models	<ul style="list-style-type: none"> • Reduced downtime for the operator • More convenient for the operator • Improved operator safety due to not having to climb in and out of the cab

Hydraulics	
Features	Benefits
Suction filters fitted to all pumps	<ul style="list-style-type: none"> Ensures clean oil is available to all pumps



Hitches	
Features	Benefits
Choice of four hitch configurations; Automatic pick-up hitch, height adjustable hitch with swinging drawbar, haulage drawbar and less hitch	<ul style="list-style-type: none"> Hitch configurations to suit each customers needs

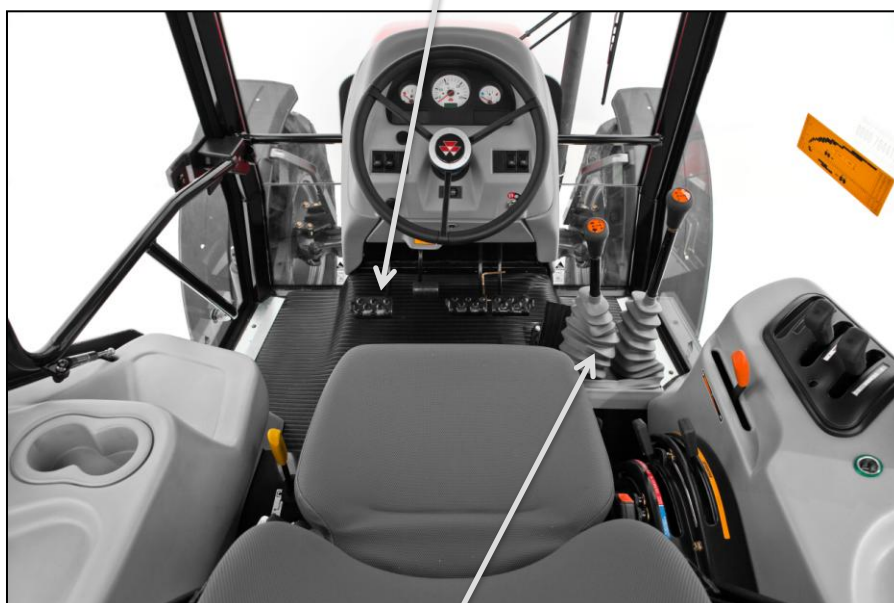
Transmission – Dual Clutch	
Features	Benefits
Two stage operation	<ul style="list-style-type: none"> • Simple and reliable clutch • Gear changes can be made in the field as ground or crop conditions vary without disengaging the PTO`
Locking mechanism to prevent disengagement of PTO clutch	<ul style="list-style-type: none"> • Prevents unnecessary disengagement of the PTO clutch reducing clutch wear



Transmission - 8F x 2R	
Features	Benefits
Straight cut gears and gear levers mounted centrally	<ul style="list-style-type: none"> • Easy to operate due to simple layout • Levers operate directly on the selector rails giving improved reliability
Four gears fall within the typical field working range 4 km/h to 12 km/h	<ul style="list-style-type: none"> • The required speed can always be found in the field
30 km/h nominal maximum transport speed	<ul style="list-style-type: none"> • High maximum speed to reduce transport time

Transmission – Split Torque Clutch

Features	Benefits
Single stage operation	<ul style="list-style-type: none"> • Reduced operator fatigue
Independent PTO with brake	<ul style="list-style-type: none"> • Allows PTO to be disengaged without declutching the main transmission • PTO brake unit stops PTO turning after disengagement improving operator safety

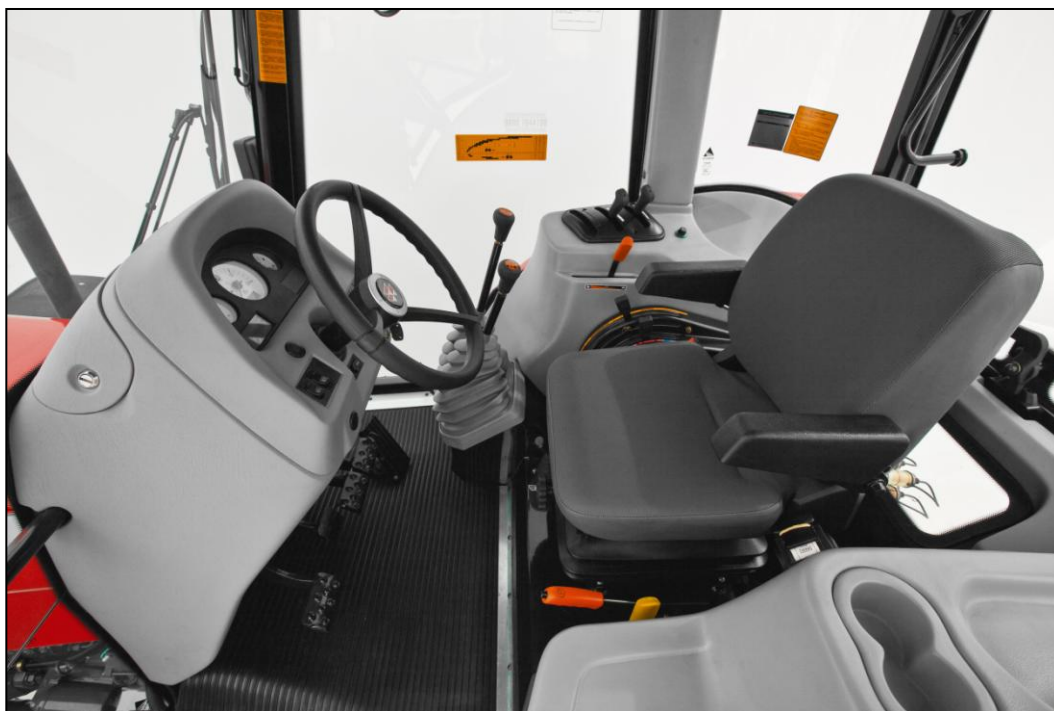


Transmission – 12F x 4R

Features	Benefits
Constant mesh configuration	<ul style="list-style-type: none"> • Quiet and reliable operation • Makes gear selection easier reducing driver fatigue
Partial gearbox synchronisation on 2 nd and 3 rd gear and High and Low ranges	<ul style="list-style-type: none"> • Gear changes can be made without a loss of momentum • Improved performance during road transport
Four gears fall within the typical field working range 4 km/h to 12 km/h	<ul style="list-style-type: none"> • The required speed can always be found in the field
Two lever side shift configuration leaving floor of platform / cab clear	<ul style="list-style-type: none"> • Improved driver comfort • Improved platform / cab access



Operator Environment – Semi-Platform	
Features	Benefits
Ergonomic control layout with major controls grouped together on either side of the operator's seat	<ul style="list-style-type: none"> • Straight forward layout for easy operation which maximises performance and output
Sound and vibration absorbing matting and noise reflecting glass panels on the operator station	<ul style="list-style-type: none"> • Improved operator comfort and reduced operator fatigue



Operator Environment - Cab	
Features	Benefits
Ergonomic control layout with major controls grouped together on either side of the operator's seat	<ul style="list-style-type: none"> • Straight forward layout for easy operation which maximises performance and output
Spacious six-post cab design	<ul style="list-style-type: none"> • Comfortable for the user • Good visibility from the cab around the whole machine
Clear floor area due to side shift transmission and pendant clutch and brake pedals	<ul style="list-style-type: none"> • Improved operator environment and comfort • Improved cab access
Front windscreen wiper with washer and adjustable sun visor	<ul style="list-style-type: none"> • Good forward visibility in all conditions • Improved visibility makes for safer operation
All cabs feature air conditioning and heating with a cab mounted filter to reduce dust ingress	<ul style="list-style-type: none"> • Improved operator comfort in the heat and cold leading to reduced fatigue and increased productivity