

MKM - NST SERIES

275 DI/295 DI/575 DI/595 DI

SPECIFICATIONS	275 DI (TU)	295 DI	575 DI	595 DI
ENGINE :				
TYPE	FOUR STROKE, DIRECT INJECTION, WATER COOLED, ENGINE	FOUR STROKE, DIRECT INJECTION, WATER COOLED, ENGINE	FOUR STROKE, DIRECT INJECTION, WATER COOLED, ENGINE	FOUR STROKE, TURBO, DIRECT INJECTION, WATER COOLED, ENGINE
NO. OF CYLINDERS	3	3	4	4
SWEPT VOLUME (cc)	2048	2048	2730	2524
MAX. ENGINE HP @ RPM	38 @ 2100	39 @ 1900	45 @ 1900	50 @ 2100
TRANSMISSION :				
TYPE	SLIDINGMESH	FULL CONSTANT MESH	SLIDINGMESH	FULL CONSTANT MESH
NO. OF GEARS	8 FORWARD, 2 REVERSE	8 FORWARD, 2 REVERSE	8 FORWARD, 2 REVERSE	8 FORWARD, 2 REVERSE
CLUTCH				
TYPE	HEAVY DUTY DIAPHRAM CLUTCH	HEAVY DUTY DIAPHRAM CLUTCH	HEAVY DUTY DIAPHRAM CLUTCH (OPTIONAL - DUAL CLUTCH)	HEAVY DUTY DIAPHRAM CLUTCH (OPTIONAL - DUAL CLUTCH)
BRAKES :				
TYPE	FULLY ENCLOSED DISC BRAKES	FULLY ENCLOSED DISC BRAKES	FULLY ENCLOSED DISC BRAKES (OPTIONAL WET DISC BRAKES)	FULLY ENCLOSED DISC BRAKES (OPTIONAL WET DISC BRAKES)
HYDRAULICS & LINK AGES				
TYPE	LIVE HYDRAULICS WITH POSITION & DRAFT CONTROL (OPTIONAL - WITHOUT HYDRAULICS)	LIVE HYDRAULICS WITH POSITION & DRAFT CONTROL	LIVE HYDRAULICS WITH POSITION & DRAFT CONTROL (OPTIONAL - WITHOUT HYDRAULICS)	LIVE HYDRAULICS WITH POSITION & DRAFT CONTROL
MAX. LIFTING CAPACITY (KGS)	1200	1200	1485	1650
3 POINT LINKAGE	CAT II WITH CHECK CHAINS	CAT II WITH CHECK CHAINS	CAT II WITH CHECK CHAINS	CAT II WITH CHECK CHAINS
STEERING				
TYPE	MECHANICAL, RECIRCULATING BALL AND NUT TYPE	MECHANICAL, RECIRCULATING BALL AND NUT TYPE	MECHANICAL, RECIRCULATING BALL AND NUT TYPE (OPTIONAL POWER STEERING)	MECHANICAL, HYDROSTATIC STEERING (OPTIONAL POWER STEERING)
PTO				
MAX PTO HP / TYPE	34 / STD	35 / STD	40 / STD	39 / ST OPTIONAL - REV CRPTO
PTO RPM @ ENGINE RPM	570 @ 2100	540 @ 1900	540 @ 1900	550 @ 2100
OPERATING WEIGHT				
TOTAL (KGS)	1945	1975	2030	2165
DIMENSIONS				
OVERALL LENGTH (mm)	3760	3340	3790	2172
OVERALL WIDTH (mm)	1705	1350	1765	1358
TYRE :				
FRONT	6.0 X 16	6.0 X 16	6.0 X 16	6.0 X 16
REAR	12.4 X 28 (OPTIONAL - 13.6 X 28)	13.6 X 28	13.6 X 28	14.9 X 28

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Mahindra
Rise.

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MKM - NST SERIES

275 DI/295 DI/575 DI/595 DI



No. **1** Tractor
Company
in the World *

*M&M Ltd. is the largest tractor company in the world, by volume

Mahindra
Rise.



THE HIGHLY FUEL EFFICIENT, POWERFUL AND VERSATILE TRACTOR

These MKM NST Series tractor models come with Highly fuel efficient, high torque engines. These engines with only 1900 rated rpm (2100 rated rpm in 275DI & 595DI) offers ample traction needed during tough jobs. These tough & reliable tractors are designed to perform multiple tasks and they specialise in all kinds of farming operations ranging from primary & secondary tillage & are also used for haulage applications.

THE POWERFUL, HIGH DISPLACEMENT, HIGH TORQUE ENGINE

These direct injection, three cylinder engines with a high displacement and rated at only 1900 rpm (2100 rated rpm in 275DI & 595DI), provide excellent torque characteristics, fuel efficiency and durability. The unique LLA technology employed in these engines optimally regulate the fuel injection according to changing load and rpm giving high fuel savings. The smooth running diesel engine with lower rated rpm means less wear and tear for longer engine life. The engine provides highest rated torque in its category, delivering an abundant supply of power while tilling with heavy implements or pulling loaded trailers up steep hills. These engines also produce cleaner emissions & conforms to BS IIIA norms.

HEAVY DUTY TRANSMISSION

The heavy duty transmission with 8 forward and 2 reverse speeds is extremely easy to operate. Designed to match the impressive power and torque characteristics of the engine, the transmission incorporates very wide gears offering great strength. The foot operated differential lock allows power to be applied equally to both the rear wheels for maximum traction when needed.

These transmissions are designed to be extremely efficient, with most of the engine HP available at the axles. This ensures that the tractor delivers high levels of Drawbar Power, higher productivity with minimal slippage making them ideal for PTO & draft applications such as deep puddling, cultivation and harrowing.

HEAVY DUTY FRONT AXLE

These tractors have heavy duty steel "Bow Type" front axles which gives added stability & control to them. Sufficient Axle oscillation ensures a comfortable ride and allows the tractor to counter uneven terrain. The tight steering angle offers ease of getting in and out of confined areas. These tractors are also available with Hydrostatic (Power) steering that would reduce the steering efforts considerably.

HIGH LIFT HYDRAULICS

The live powerful hydraulics boasts a maximum lift capacity as high as 1485 Kgs. in 575 DI & 1650 Kgs in 595 DI, to handle the heaviest of implements. These tractors employ heavy and sturdy 3-Point Linkage to ensure stability and safety.

COMFORTABLE OPERATOR PLATFORM & CONTROLS

A very comfortable & roomy operator area is provided on these tractors to facilitate long hours of driving. The uncluttered platform with a very wide passage makes entry and exit very easy. All control levers are ergonomically placed and the hydraulics levers have been raised for an easy access



PROVEN QUALITY – JAPAN QUALITY MEDAL WINNER

Quality is paramount in Mahindra and we are proud to be the first and only tractor manufacturing company in the world to win the Japan Quality Medal (JQM), a laurel truly hard to earn. It is universally acclaimed as the highest award presented to a company following Total Quality Management (TQM) practices in their entire business operations. JQM recognises a high level of customer focus, improvements in overall quality and excellence in business processes.

Also, Mahindra was the first tractor company worldwide to win the Deming Application Prize in 2003 for excellence in quality, making it the only tractor manufacturer to receive both distinctions.

