

MTS SANDEI
HARVESTING EXCELLENCE



IMPROVE YOUR
PRODUCTIVITY

THR 650 S

TOMATO
HARVESTER

THR 650S: IDEAL FOR QUALITY HARVESTING

With a 1.2 m shaker and 40-channel selectors that can be monitored via wi-fi box, it is the perfect machine for harvesting up to 70 t/h in ideal conditions. With its high-performance header, the most powerful hydrostatic transmission on the market, VOLVO Stage V engine and superior performance tyre equipment, the THR650S is the harvester that allows you to harvest tomatoes in terrain where other machines have to stop.



THE MOST ADVANCED AND ERGONOMIC CONTROL PANEL IN THE SEGMENT

Riding with THR650S has never been easier.

The controls are within easy reach, facilitating the operator's work and reducing harvesting times. The entire machine can be conveniently moved using only the multifunctional lever on the right side.



THR 850 S

TOMATO
HARVESTER

TOTAL VIEW, COMPLETE COMFORT

Thanks to the unloading ladder positioned behind the cab, the operator enjoys 360° visibility. In the THR850S model, there is also the option of two different cabs: both are equipped with air conditioning, LED lights, electronic control system and Bluetooth radio. In the CLAAS version, operator comfort is even greater, with a larger environment and improved soundproofing and cushioning.

DESIGNED AND CREATED FOR LARGE PRODUCTIONS

With a 1.5 m shaker and 50-channel selector that can be monitored via a wi-fi box, it is the ideal machine for harvesting up to 90 t/hour under ideal conditions.





CONVEYOR BELT

The unloading ladder, now with two joints and a 30° inclination, allows horizontal working, preventing the tomatoes from rolling during unloading. The THRs model also offers the option of a fixed or hydraulic chute. In addition, the off-centre ladder in relation to the cab ensures optimal visibility for the operator during work.



HARVESTING BAR

The new pick-up bar with a 21° angle of incidence allows for flat working, for the best possible rise of the tomatoes. The THRs includes an intelligent coupling system that aligns the tiller to the ground and hydraulic lighteners that can be controlled from the cab, ensuring optimum work quality.



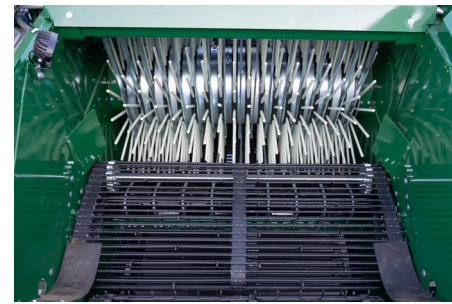
SECOND CLIMBING PLATFORM

The second platform on the right side of the cab provides quick and safe access in the event of an intervention, facilitating operations on the grease reservoir and the shaker area.



COLOR SORTERS

The latest generation of MTS selectors separate the red tomato from the waste with high efficiency, while maintaining the standard programmes (green, soil, leaf). They are equipped with Wi-Fi for remote control by technicians and a timed washing system for constant efficiency.



SHAKER

The shaking system features 3 oscillating masses that together bring the total weight used to almost 100 kg. The result is an improvement in the shaking phase with balanced, constant and more vigorous shakes.



TYRES

The 600/60 R28 tyres provide excellent flotation and reduce trampling, allowing the harvester to work even in low load-bearing or flooded soils. This reduces compaction, facilitating subsequent field operations.



HYDRAULIC SYSTEM AND CONSUMPTION

With the revolutionary architecture of the hydraulic system, equipped with treated steel pipes, patented flow sharing system with the best redistribution of flows, the result is not only superior efficiency and longevity of the system but also an impressive drop in consumption. Up to 40% less than in the past.



SIDE CASE

The new side profile with cowling provides complete protection for muffler, sensors, shaker, control units, batteries and wiring. The new configuration of the oil tank also avoids the accumulation of waste residue and facilitates the measurement of levels and temperatures.



ENGINE COMPARTMENT

The engine compartment area has been optimised by moving mufflers and catalytic converters to the outside, making the profile perfect for not accumulating dirt and grime during harvesting. In addition, routine engine maintenance is safe, quick and easy.



FEATURES

THR 1000



THR 1000: PERFORMANCE REVOLUTION

We designed the THR1000 to change harvesting, its timing and efficiency. With unprecedented versatility, it allows you to mount the innovative and patented two-row header, guaranteeing performance that is unique on the market. Thanks to our team of experts, every aspect of the machine has been enhanced: from the mechanics to the hydraulics to the electrical part.

OPTIMAL INNOVATION AND PERFORMANCE

In addition to the patented header, the harvester's design has been conceived to maximise efficiency: with 1700mm conveyor belts, selectors equipped with 60 channels and an oversized fan, this machine is ready to meet the expectations of the most demanding producers. The crossbelt and discharge conveyor have also been enlarged to ensure a higher harvesting capacity. A machine designed for the future, ready to transform field work.

WHY CHOOSE THR1000?

To save up to 50 per cent of harvesting time, optimising fuel consumption, reducing labour costs and making the entire process more efficient.



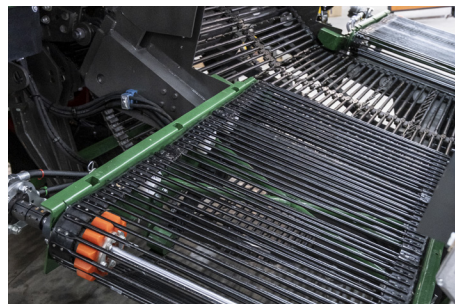
CONVEYOR BELT

The width of the conveyor belt has been increased to 1100mm. In this way, the product is distributed over the entire width and does not fall backwards.



SHAKER

The new shaker has a width of 1700 mm, never seen before. With its shaking system with 3 oscillating masses, it is perfect for separating the crop from the plant with balanced, constant and more vigorous blows without ruining the crop.



CROSSBELT CONVEYOR

The twin-row bar is complete with two conveyor belts, which facilitate the ascent of the plants towards the inside of the machine.



BARRA DI RACCOLTA

The machine can be fitted with two header models: the single-row for harvesting with planting distances from 1900mm to 2000mm and the twin-row bar, available for all planting distances from 1500mm to 2000mm.



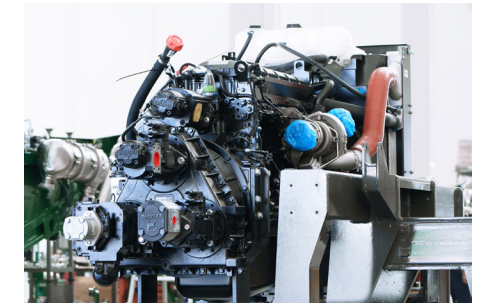
COLOR SORTERS

The machine is equipped with the latest generation of MTS 60-channel selectors, which can separate tomato from waste with unparalleled efficiency. Thanks to their innovative blue LEDs, performance is guaranteed even in the most complicated harvesting conditions.



TYRES

The THR1000 is fitted with 710/55 R30 tyres that give the machine the lowest possible footfall, allowing it to work in all types of terrain, with never before seen performance in wet conditions.



VOLVO ENGINE

The VOLVO PENTA engine ensures performance: with a power output of 250kW (340hp) it guarantees the harvester's performance. In addition, thanks to its excellent torque curve, it keeps the working speed low (max. 1500 rpm).



GEOLOCALISED WEIGHING

Designed to provide detailed real-time information on productivity, hectares and total tonnes harvested. In addition, thanks to geolocalisation, yield maps can be generated identifying the productivity of different cultivation areas, an option that can be fitted to all harvester series.



FEATURES

AP 180 F

APRIPISTA

WITH THE AP, YOUR PREFERRED PLANTING SYSTEM

The AP series is the only one capable of opening transplanted rows with planting distances from 1.40 m to 2.0 m, thanks to the possibility of mounting the 1.2 m or 1.5 m header. Thanks to its unloading system, it is the only machine on the market capable of opening up to 6 rows, with a planting depth of 1.5 m, all without trampling the tomato and always ensuring the best treatment.

OPENING ROWS 360°

Opening rows has never been so fast

The central driving position in relation to the pick-up bar provides the operator with total all-round visibility. Using the same drive architecture as the harvester and the same decks, the AP series fears no conditions. The perfect distribution of the belts, guarantees maximum gentleness when tipping the crop, and the translation, reducing trampling to a minimum, ensures full respect for the tomato.

EFFICIENT PERFORMANCE

The AP180F aprifila can be equipped with a 53.7 kW Yanmar engine, which guarantees high energy efficiency and reliability.

POWER TO SPARE

The AP180F aprifila can be equipped with an FPT engine delivering a power of 90 kW, achieving the highest possible performance in all conditions.

EASY TRANSPORT

The maximum height of 3.05 m makes the machine perfect for road transport on flatbeds, facilitating its fast and safe movement between different operating sites. But that's not all: thanks to its homologation up to 35 km/h on the road, autonomous travel has never been faster.



AP 180

TECHNICAL DATA SHEET

SIZES	LENGTH	820 mm
	WIDTH	2500/3000 mm
	HEIGHT	3570 mm
	STEP	2100 mm
	CARRIAGE	1550 mm
	WEIGHT	8000 kg
Yanmar ENGINE	MAX POWER	53,7 kW
	MAX TORQUE	280 a 1625 rpm
	REGIME DI WORKING REGIME	2000 rpm
SPEED	1°	6,8 Km/h
	2°	21 Km/h
TYRES		380/75 R20
WORKING ORGAN SIZE	BAR TIP WIDTH	1400-2000 mm
	BAR WIDTH	1200-1500 mm
TANK CAPACITY	FUEL	120 lt

AP 180 F

SCHEMA TECNICA

SIZES	LENGTH	770 mm
	WIDTH	2500 mm
	HEIGHT	3050 mm
	STEP	2200 mm
	CARRIAGE	1550 mm
	WEIGHT	8000 kg
FPT ENGINE	MAX POWER	90 kW
	MAX TORQUE	490 a 1400rpm
	WORKING REGIME	1800 rpm
SPEED	1°	8,8 Km/h
	2°	35 Km/h
TYRES		380/75 R20
WORKING ORGAN SIZE	BAR TIP WIDTH	1400-2000 mm
	BAR WIDTH	1200-1500 mm
TANK CAPACITY	FUEL	120 lt

THR 650 S

TECHNICAL DATA SHEET

SIZES	LENGTH	12000 mm
	WIDTH	3000 mm
	HEIGHT	3850 mm
	STEP	2800 mm
	CARRIAGE	1660 mm
	WEIGHT	16500 kg
Volvo Stage V ENGINE	MAX POWER	185 kW (250CV)
	MAX TORQUE	1160 Nm a 1200 rpm
	WORKING REGIME	1500 rpm
	COMPRESSOR	Twin-cylinder 720 cc
TRANSMISSION	LINDE PUMP	105 cc
	LINDE ENGINE	105 cc
SPEED	1°	4 Km/h
	2°	8 Km/h
	3°	15 Km/h
	4°	25 Km/h
TYRES		600/60 R28
AXLES AND GEARS		Dana
WORKING ORGAN SIZE	BAR TIP WIDTH	1500 mm
	BAR WIDTH	1200 mm
	SHAKER WIDTH	1200 mm
	BELT WIDTH SORTER	1050 mm
	MANUAL SORTING BELT WIDTH	1050 mm
	BELT WIDTH NCR	1000 mm
	MAXIMUM UNLOADING HEIGHT	4200 mm
COLOR SORTER	CHANNELS	n°40
TANK CAPACITY	FUEL	320 lt
COLLECTING CAPACITY	DECLARED	up to 70 ton/h

THR 850 S

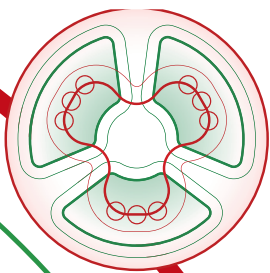
TECHNICAL DATA SHEET

SIZEZ	LENGTH	12000 mm
	WIDTH	3850 mm
	HEIGHT	3850 mm
	STEP	2800 mm
	CARRIAGE	1660 mm
	WEIGHT	17000 kg
Volvo Stage V ENGINE	MAX POWER	185 kW (250CV)
	MAX TORQUE	1160 Nm a 1200 rpm
	WORKING REGIME	1500 rpm
	COMPRESSOR	Twin-cylinder 720 cc
TRANSMISSION	LINDE PUMP	105 cc
	LINDE ENGINE	105 cc
SPEED	1°	4 Km/h
	2°	8 Km/h
	3°	15 Km/h
	4°	25 Km/h
TYRES		600/60 R28
AXLES AND GEARS		Dana
WORKING ORGAN SIZE	BAR TIP WIDTH	1500-1800 mm
	BAR WIDTH	1200-1500 mm
	SHAKER WIDTH	1500 mm
	BELT WIDTH SORTER	1300 mm
	MANUAL SORTING BELT WIDTH	1300 mm
	BELT WIDTH NCR	1000 mm
	MAXIMUM UNLOADING HEIGHT	4200 mm
COLOR SORTER	CHANNELS	n°50
TANK CAPACITY	FUEL	320 lt
COLLECTING CAPACITY	DECLARED	up to 90 ton/h

THR 1000

TECHNICAL DATA SHEET

SIZEZ	LENGTH	12200 mm
	WIDTH	4200 mm
	HEIGHT	3950 mm
	STEP	2860 mm
	CARRIAGE	1920 mm
	WEIGHT	20000 kg
Volvo Stage V ENGINE	MAX POWER	235 kW (340CV)
	MAX TORQUE	1240 Nm a 1200 rpm
	WORKING REGIME	1500 rpm
	COMPRESSOR	Twin-cylinder 720 cc
TRANSMISSION	LINDE PUMP	105 cc
	LINDE ENGINE	105 cc
SPEED	1°	5,4 Km/h
	2°	8,8 Km/h
	3°	18,5 Km/h
	4°	30 Km/h
TYRES		710/55 R30
AXLES AND GEARS		Dana
WORKING ORGAN SIZE	BAR TIP WIDTH	1900-2000 mm
	BAR WIDTH	1700 mm
	SHAKER WIDTH	1700 mm
	BELT WIDTH SORTER	1550 mm
	MANUAL SORTING BELT WIDTH	1550 mm
	BELT WIDTH NCR	1100 mm
	MAXIMUM UNLOADING HEIGHT	4300 mm
COLOR SORTER	CHANNELS	n°60
TANK CAPACITY	FUEL	335 lt
COLLECTING CAPACITY	DECLARED	up to 110 ton/h



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