



THOR the power of the brand - the result of tradition

TRACTORS - HIGH RANGE

THOR

SUCCESS DOESN'T ARRIVE BY CHANCE.

You need to be committed to reach your goals, collaborating with the most competent specialists and using the best instruments available. You need to look to the future to stay one step ahead of the competition.

The **Thor EP** series has been designed for people who share this philosophy: **people with motivation**, **determined to realize their goals**.

MACHINES THAT ALWAYS KEEP THEIR PROMISES.

With the **Thor EP** series we have improved a range of machines which had been already acknowledged as the best on the market. To do this, we were receptive to the signals from the market, listening to feedback from our customers, to understand both current requirements and future needs.

Working with this scope in mind, we realized a range of tractors with many new solutions, both great and small, all of which with the aim of making these machines **instruments to be proud of**: machines that always keep their promises.

MADE TO MEASURE FOR ANY KIND OF USE.

A great project, to be a successful project, must envisage the largest number of possible solutions: therefore, for the **Thor EP** series we developed different versions, each of which designed to meet the different requirements our customers spur us to satisfy every day.

Performance, overall dimensions, manoeuvrability, comfort and safety are the qualities our technicians developed scrupulously for this new project: qualities that really make the difference between a specialized FERRARI tractor and an ordinary tractor.









1 High power

because high performance means low cost.

Transmission with an OS-Frame

which features one propeller shaft and one central articulation, giving the vehicle maximum mechanical efficiency and maximum stability especially on difficult terrain. The system lets the forecarriage oscillate more than the rear axle by more than 15° and vice versa.

3 A perfect distribution of the weights

optimises the vehicle's performance and traction in its working set-up, with the tool mounted on the rear lifting.

4 High oil flow rate

to numerous distributors with oversize hydraulic pumps which guarantee high pressures: ideal for using combined equipment and therefore cutting costs and processing times.

Short wheelbase

limited to 1450 mm - one of the best of the category - so it easily moves in all crops and on any type of terrain easily.

Outstanding driving comfort because many "spend the day" on a tractor.

7 Certifications

Thor tractors are certified as both agricultural machinery and "industrial operators".

THOR range



THOR AR





Reversible isodiametric tractor with central articulation





This tractor is considered the version of reference for the specialized sector and above all has to satisfy the standards dictated by the particular type of use and in particular, be compatible with the environment in which it is used.

The compact dimensions and the reduced turning circle make the **Thor AR** an irreplaceable machine, able to perform all the tasks it was designed for in the best possible way.

The width of just 106 centimetres and the wheelbase of under 145 centimetres, make this tractor the best in the category.

The new transmission is integrated with the OS-Frame: one shaft and one central joint guarantee high transmission power to the wheels and power take-off, for maximum reliability.

Available in the monodirectional or reversibile versions, the **Thor AR** tractors are essential in a specialist agricolture, which is constantly looking for new solutions.



THOR RS





Reversible isodiametric tractor with steered wheels



The traditional version of the **Thor EP** suitable for the widest variety of uses. Thanks to their qualities the **Thor RS** tractors are ideal for the wine-growing and fruit-growing sectors: the compact overall dimensions, the high power and **the correct weight distribution on the axles** with the machine under a working load, make these tractors unbeatable in vineyards and orchards.

The gear ratios on all the Thor tractors give you an excellent range. The gears are always progressive without overlaps, so you can choose just the right gear for every particular situation.

The OS-Frame transmissions optimize the traction and stability of the machines at work, thanks also to a single central joint which lets the front axle oscillate by up to 15° with respect to the rear.

The hydraulics are double circuit with independent pumps and a heat exchanger, with an overall flow up to 80 L/min at working pressures of up to 180 bar, for excellent performance on the whole **Thor RS** series, the best performance in the category.



THOR engine



STRAIGHT TO THE HEART.

We must bid the Tier II engine farewell, grateful for the excellent work done over the years. For now it's time to give a warm welcome to the next generation, the new VM D753 and D754 Tier III engines: thanks to these engines the Thor EP tractors will have an even bigger and more powerful heart.

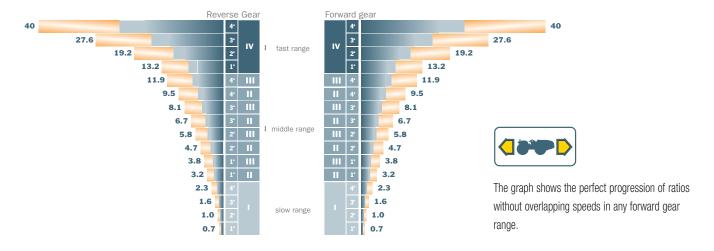
> The new engines are more efficient than their predecessors from every point of view:

more powerful thanks to the use of an intercooler

more ecological and quieter thanks to the new technologies adopted in full respect of the most stringent regulations

and even more sober to embrace the philosophy of the Thor EP, with a fantastic response as soon as the engine starts.

Graph showing speed in km/h with 20-inch wheels. Engine speed: 2300 rpm





Max revs were kept to **2.300 rpm** to reduce fuel consumption, noise and vibrations for fuel savings and greater comfort.

Full power remains unchanged in any case: in fact, all the engines produce their peak torque between 1.000 and 1.800 rpm.

The exclusive characteristics of all the engines, some of the most compact on the market, include:

- _ The **tunnel base**
- for high torsional strength and flexural rigidity.

opportunely mixed, return to the combustion

chamber, drastically reducing the emissions of

nitrogen oxide (NOx) and fuel consumption.

- _ the **mechanical rotary injection pumps** for high performance in every condition of use, increasing reliability and the working life of the same.
- _ the geared distribution

with forced lubrication, the best possible solution for a diesel engine.

- _ Maintenance-free hydraulic tappets to reduce engine noise to a minimum.
- _ Low inertia turbo compressors
- for immediate response when power is needed.
- _ Balanced shafts

to eliminate vibrations.



THOR transmission

ENHANCING PERFORMANCE.

The performance of an engine would be nothing without the best transmission.

The new **Sincro** 32-speed transmission with synchronized reverser and helical gears offers the very best performance, improving the comfort and drivability of the vehicles.

The logical sequence of the gears, without overlaps throughout the range, lets you select just the right gear for any particular situation for a more rational use of the vehicle, saving fuel, and putting the mechanical components under considerably less stress, letting the engine work in its optimal range and moreover improving the quality of work.

A UNIQUE TRANSMISSION SYSTEM.

The new transmission comes with the OS-Frame which, with one single transmission shaft and one central joint, guarantees the maximum mechanical performance. It's a "monolithic" structure in a single cast iron casting.

The joint in the middle of the vehicles lets the front axle oscillate by up to 15° with respect to the rear, for excellent stability on slopes.



PERMANENT 4WD DRIVE.

The four-wheel drive allows you to move rationally both on steep slopes and on uneven terrains.

The electro-hydraulically controlled front and rear differentials always ensure the maximum traction to the tractors.

CLUTCH TRANSMISSION.

The **LONG-LIFE** clutch **is a multiple disc hydraulic clutch running in an oil bath**, and no adjustment or maintenance is required.

The performances of this relaxing and progressive clutch are the umpteenth virtue that distinguished Thor from competitors, confirming the greater quality of the product. The multiple disc clutch of the **Thor EP**s, as well as the characteristics of reliability, which makes it tangibly more performing than traditional dry clutches, allows reducing the projecting part of the engine and reducing the length of the machines.

MECHANICAL FLUID GEARS.

The synchronised 32-speed gearbox with Sincro reverser is easy to use, with precise and progressive gear changes.

Designed to avoid gear overlaps in the four ranges, you will always find just the right gear for the job.





EFFECTIVE AND EFFICIENT POWER TAKE-OFF.

The rear electro-hydraulic power takeoff is independent from the gearbox and synchronized with all gears.

It can be engaged under load, and has a brake to stop it in the disengaged position. The independent PTO runs at **540/750 rpm**, or **540/1000 rpm**, available on request.

TOP QUALITY AXLES.

The choice of using only **axles with plane- tary gear reducers** was dictated by the need to keep the wheelbase as short as possible to increase manoeuvrability, as well as having a higher performance and more reliable system.

THE VERY BEST IN BRAKES AND MORE.

The multiple disc brakes running in an oil bath of the very latest generation guarantee perfect adherence to the ground, for safe braking in any conditions.







THOR hydraulic system

HYDRAULICS HAVE NEVER BEEN SO EFFICIENT.

In a specialized tractor, the performance of the hydraulics is fundamental.

The **Thor EP** has a double hydraulic circuit with independent pumps and a dedicated heat exchanger.

The serial hydraulic pump has a flow rate of 31 lt/min. like the service one.

The hydraulic pressure of the system is 180 bar.

There are 5 hydraulic outlets at the rear of the machines to connect equipment that requires high-capacity hydraulic supply, often used in vineyard cultivations.

NINETY DEGREES OF ACCESSIBILITY.

The **Thor EP** tractors have been designed to make maintenance as simple as possible. The bonnet can be opened from the front for example, for easy access to the engine.









THE FORCE OF THE LEVERS.

The **Thor EP** tractors are often used with tools on the lift. For this reason **the strong rear lifts** have practical and versatile multipurpose linkages, suitable for all kinds of equipment on the market.

On request the tractors can be fitted with a controlled force and position system, for all equipment that requires the same. The 3-point hitch, with normal or quick-fit linkages, arms and adjustable tie-rods, can be fitted with a hydraulic strut and tie-rod.

The **Thor EP** can also be equipped with a practical front lift, essential for combined use, supplied with four hydraulic outlets.

For those who need to work with equipment that must adapt to uneven terrain by fol-

lowing dips or rises without damaging the surface, $% \left(1\right) =\left(1\right) \left(1\right) \left($

FERRARI has created for **Thor RS** a convenient hydraulic suspension with a nitrogen accumulator that optimises the "load of the equipment on the ground", applied to the third point hitch, for optimal performance on any kind of terrain.





THOR driver

A STEP FORWARDS IN COMFORT.

The exclusive cabs on the **Thor EP** have been made with attention to every detail, to guarantee the maximum comfort with the most pleasant living conditions.

The large windows, as well as making access to the driving position easier, ensure excellent lateral and rear visibility. Air-conditioning and heating are guaranteed by an efficient system which, together with the total sound-proofing of the cab, contributes to creating an excellent working environment.



The instrument console contains the functions in a central display with a logical layout, and guarantees excellent control of the vehicle.

The instruments come in both analog and digital versions. The latter can display the engine rpm, vehicle speed and PTO speed.







The driver's environment on the **Thor EP** combines comfort, ergonomic qualities, functionality and safety in an absolutely original way.

The driving seat and controls are madeto-measure for the driver: the controls are positioned ergonomically and intuitively and the steering column, as well as the comfortable seat, can be adjusted according to the build of the operator.





In addition, in the reversible version of the **Thor EP**, the driving module (seatsteering wheel-dashboard) rotates in only 5 seconds practically and safely without any disconnections.

OPTIONAL

OTHER GOOD REASONS FOR CHOOSING THOR EP.

The **Thor EP** tractors are specialized machines, unrivalled in the field.

Built for those who want the best.

The vast range of original BCS options and accessories means you can create your very own tractor.

- Wheels range
- 2 3-point hitch range
- Ballast range
- Prefilters range

ACCESSIBLE TO ALL.

The width and height, the footprint on the ground, and the more or less aggressive 'GRIP' are just some of the aspects that give the wheels of specialized tractors a fundamentally important role.

We have tested the best alternatives on the market for the Thor EP, so our customers will always have just the right solution to meet their requirements.

GARDEN



1 TRACTOR XTC/ALL GROUND





STG





SAFE TOWING.

The high towing capacity of the Thor EP is guaranteed by homologated towing hooks that meet the regulations in force in a number of

This system can also be fitted with easily-adjustable frames, to optimize its use with a variety of trailers.





THOR FERRARI Services

AS IMPORTANT AS THE TRACTORS.

FERRARI provides many services so its customers can get the very best out of their **Thor EP**, with one of the largest networks of dealers and mechanics in the sector, operating in most countries all over the world.

We can offer advice for your purchase, assistance and financial services studied to meet every particular requirement.

Our original spare parts distribution service is fast and efficient, also thanks to our collaboration with the best international carriers, to guarantee the maximum efficiency of your tractor always.



ACTIVE AND PASSIVE SAFETY.

Safety first and foremost. As always. The maximum safety built into our vehicles is the result of over 70 years of experience in farm machinery. FERRARI is certified ISO 9001.

All of our suppliers, the materials used in the construction of the machines, the cycles of the processes and the distribution are regulated by the strictest qualitative standards.

We are committed to respecting these standards always, and this means building safer and safer tractors for the next generation.









THOR AR 75 - 85 - 95

TRACTOR DIMENSION							
	A	В	C	D	E min/max	F min/max	G min/max
3 cylinders	1075	1450	563	3088	2102 2180	1121 1199	237 321
4 cylinders	1142	1450	563	3155	2102 2180	1121 1199	237 321





TRACTOR WIDTH WITH DIFFERENT WHEEL TYPES

			H	
Type of fyre and rim	Tyre width mm	Tyre height mm	min/max tread mm.	min/max width mm.
250/80-18 with adjustable rim	240	879	900 – 1108	1140 – 1348
280/70-18 with adjustable rim	282	849	913 – 1108	1195 – 1390
320/65-18 with adjustable rim	320	873	1020 – 1108	1340 – 1428
11.5/80-15.3 with fixed rim	290	888	1052 – 1076	1342 – 1366
8.00-20 with adjustable rim	217	945	844 – 1080	1061 – 1297
9.50-20 with adjustable rim	245	937	882 – 1230	1127 – 1475
300/70-20 with adjustable rim	286	947	942 – 1144	1228 – 1430
340/65-20 with adjustable rim	343	958	948 – 1144	1327 – 1487
31x15.50-15 XTC o STG with fixed rim	390	790	1006 – 1120	1396 – 1510
13/6 – 16 Garden with fixed rim	390	968	1042	1432



AR TURNING RADIUS

Tyre type	250/80-18	280/70-18	320/65-18	11.5/80-15.3	8.00-20
mm	2680	2700	2770	2710	2660
Tyre type	9.50-20	300/70-20	340/65-20	31x15.50-15	13/6 - 16
mm	2670	2740	2775	2930	2950



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Three-point hitches Standard: Cat. 1 and 2 normal couplers and adjustable lie rods Optional: Cat. 1 and 2 rapid couplers arms and tie rods adjustable in width. Three-point drawbars Optional: Hydraulic three-point hitch and right drawbar of hoisting device both with hydraulic Lifting capacity at the end of the arms kg FRONT LIFTING DEVICE (Optional) Three-point hitches Carrying capacity kg DRIVING UNIT Driving platform Driving platform Driving platform Mono-directional or reversible with rotating platform and dual pedals Steering wheel SEATS with safety belts Standard: comfortable, spring suspended seat, adjustable according to the driver's weight - Optional: "Bostrom" seat SERVICE BRAKE With multiple diess in oil bath with hydrostatic control Parking brake STEERING With hydrostatic steering with two jacks acting on the central articulated joint SAFETY Roll bar frame (Standard) Front homologated Frame with pillars (Optional) Monoblock, soundproof, mounted on "Silent block", safety cell integrated in the structure CONTROL INSTRUMENTS Analog (Standard) Complete with: hour and revolution counter, speedometer, water thermometer, pilot lights and sound warning Digital (Optional) With reading of prin, forward speed and rotation speed of power takeoff TOW HOOKS Standard Front and rear tow hooks cat. Park to Monoblock Rear tow hooks CEC EE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 1960 1960 1960 1960 1960 1960 1960 1960 1960 1960 1960		Chandaud		ad dualt acceptable				
Three-point drawbars Optional: Hydraulic three-point hitch and right drawbar of hosting device both with hydraulic Lifting capacity at the end of the arms kg PRONT LIFTING DEVICE (Optional) Three-point hitches Standard: rigid with quick couplings Cat. 1 Carrying capacity kg BOO DRIVING UNIT Mono-directional or reversible with rotating platform and dual pedals Steering wheel SEATS with safety belts SEATS with safety belts SERVICE BRAKE Parking brake With multiple discs in oil bath with hydrostatic control Parking brake STEERING With hydrostatic steering with two jacks acting on the central articulated joint SAFETY Roil Dar frame (Standard) Fromt homologated Frame with pillars (Optional) Monoblock, mounted on "Silent block" Cab (Optional) Conyplete with: hour and revolution counter, speedometer, water thermometer, pilot lights and sound warning Digital (Optional) Complete with: hour and revolution counter, speedometer, water thermometer, pilot lights and sound warning Digital (Optional) TYRES Standard Pront and rear tow hooks CEE o CEE with Silder chassis Wellsh-OPERANIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,		Standard: Cat. 1 and 2 normal couplers and adjustable tie rods Optional: Cat. 1 and 2 rapid couplers arms and tie rods adjustable in						
Lifting capacity at the end of the arms kg FRONT LIFTING DEVICE (Optional) With two external rams with front guard and two double-acting control valves Three-point hitches Standard: rigid with quick couplings Cat. 1 Standard: rigid with quick couplings Cat. 1 Rear Town Hondologated With platform Mono-directional or reversible with rotating platform and dual pedals Steering wheel SEATS with safety belts Standard: comfortable, spring suspended seat, adjustable according to the driver's weight - Optional: 'Bostrom' seat SERVICE BRAKE With multiple discs in oil bath with hydrostatic control Parking brake SEATS with parke STEERING With hydrostatic steering with two jacks acting on the central articulated joint SAFETY Roll bar frame (Standard) Front homologated Frame with pillars (Optional) Monoblock, soundproof, mounted on 'Silent block' Cab (Optional) Monoblock, soundproof, mounted on 'Silent block' Cab (Optional) Complete with: hour and revolution counter, speedometer, water thermometer, pilot lights and sound warning Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYRES Standard 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o Optional Rear tow hooks CEE o CEE with Silder chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 1960 1960 1960 1960 1960 1960 1960	Three-point drawbars	Optional: Hydraulic th	Standard: with manual adjustment	levice both with hydraulic				
RRONT LIFTING DEVICE (Optional) With two external rams with front guard and two double-acting control valves	Lifting capacity at the end of the arms kg	opasiiai rijaiaalis al		onee seal man nyaraane				
Carrying capacity kg DRIVING UNIT Mono-directional or reversible with rotating platform and dual pedals Steering wheel SEATS with safety belts SERVICE BRAKE Parking brake Acting on service brakes STEERING STEERING STEERING Mono-directional or reversible with rotating platform and dual pedals STEERING STEERING With multiple discs in oil bath with hydrostatic control Acting on service brakes STEERING STEERING With hydrostatic steering with two jacks acting on the central articulated joint SAFETY Roll bar frame (Standard) Front homologated Frame with pillars (Optional) Monoblock, mounted on 'Silent block' Cab (Optional) Monoblock, soundproof, mounted on 'Silent block', safety cell integrated in the structure CONTROL INSTRUMENTS Analog (Standard) Digital (Optional) Complete with: hour and revolution counter, speedometer, water thermometer, pilot lights and sound warning Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYRES Standard 250/80-18 Optional 280/70-18 *320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat.C Optional Rear tow hooks CEE o CEE with Silder chassis WEIGHT-OPERATIONAL With standard oil bar frame (Kg) 1960 1960 PTIONAL Flash light set, silencer protection kit, oj fliter protection kit, ojclone prefilter with external air intake,	FRONT LIFTING DEVICE (Optional)	With two exte						
DRIVING UNIT With platform Driving platform Mono-directional or reversible with rotating platform and dual pedals Steering wheel Helight adjustable SEATS with safety belts Standard: comfortable, spring suspended seat, adjustable according to the driver's weight - Optional: 'Bostrom' seat SERVICE BRAKE With multiple discs in oil bath with hydrostatic control Parking brake Acting on service brakes STEERING With hydrostatic steering with two jacks acting on the central articulated joint SAFETY Front homologated Frame with pillars (Optional) Front homologated Frame with pillars (Optional) Monoblock, soundproof, mounted on 'Silent block' Cab (Optional) Monoblock, soundproof, mounted on 'Silent block', safety cell integrated in the structure CONTROL INSTRUMENTS With reading of rpm, forward speed ometer, water thermometer, pilot lights and sound warning Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYPES Standard 250/80-18 Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o TOW HOOKS Standard Front and rear tow hook cat. C								
Driving platform Mono-directional or reversible with rotating platform and dual pedals								
Stearing wheel Standard: comfortable, spring suspended seat, adjustable according to the driver's weight - Optional: 'Bostrom' seat SERVICE BRAKE With multiple discs in oil bath with hydrostatic control Parking brake Acting on service brakes STEERING With hydrostatic steering with two jacks acting on the central articulated joint SAFETY Roll bar frame (Standard) Front homologated Frame with pillars (Optional) Monoblock, mounted on 'Silent block' Cab (Optional) Monoblock, soundproof, mounted on 'Silent block', safety cell integrated in the structure CONTROL INSTRUMENTS Analog (Standard) Complete with: hour and revolution counter, speedometer, water thermometer, pilot lights and sound warning Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYRES Standard 250/80-18 Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat. C Optional Rear tow hooks CEE o CEE with Silder chassis WEIGHT-OPERATIONAL With standard oll bar frame (Kg) 1960 1960 OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,		Mono-dire		d dual pedals				
SERVICE BRAKE STERVICE BRAKE With multiple discs in oil bath with hydrostatic control Acting on service brakes STEERING With hydrostatic steering with two jacks acting on the central articulated joint SAFETY Roll bar frame (Standard) Front homologated Frame with pillars (Optional) Monoblock, soundproof, mounted on 'Silent block', asfety cell integrated in the structure CONTROL INSTRUMENTS Analog (Standard) Complete with: hour and revolution counter, speedometer, water thermometer, pilot lights and sound warning Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYRES Standard 250/80-18 Standard 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat. C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 PTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,		INIOTIO-UIII		pound				
SERVICE BRAKE With multiple discs in oil bath with hydrostatic control Parking brake Acting on service brakes STEERING With hydrostatic steering with two jacks acting on the central articulated joint SAFETY Boll bar frame (Standard) Front homologated Frame with pillars (Optional) Monoblock, mounted on 'Silent block' Cab (Optional) Monoblock, soundproof, mounted on 'Silent block', safety cell integrated in the structure CONTROL INSTRUMENTS Analog (Standard) Complete with: hour and revolution counter, speedometer, water thermometer, pilot lights and sound warning Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYRES Standard 250/80-18 Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o TOW HOOKS Standard Front and rear tow hook cat.C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 1960 OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,		Standard: comfortable	e, spring suspended seat, adjustable accordin	g to the driver's weight -				
STEERING With hydrostatic steering with two jacks acting on the central articulated joint SAFETY Roll bar frame (Standard) Front homologated Frame with pillars (Optional) Monoblock, mounted on 'Silent block' Cab (Optional) Monoblock, soundproof, mounted on 'Silent block', safety cell integrated in the structure CONTROL INSTRUMENTS Analog (Standard) Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYRES Standard 250/80-18 Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat. C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 1960 OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,		W		ontrol				
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Roll bar frame (Standard) Frame with pillars (Optional) Cab (Optional) Monoblock, mounted on 'Silent block' Cab (Optional) Monoblock, mounted on 'Silent block', safety cell integrated in the structure CONTROL INSTRUMENTS Analog (Standard) Complete with: hour and revolution counter, speedometer, water thermometer, pilot lights and sound warning Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYRES Standard Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat. C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 1960 OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,		With hydrosta	luc sleering with two jacks acting on the centr	ar aruculateu joint				
Frame with pillars (Optional) Cab (Optional) Monoblock, soundproof, mounted on 'Silent block', safety cell integrated in the structure CONTROL INSTRUMENTS Analog (Standard) Complete with: hour and revolution counter, speedometer, water thermometer, pilot lights and sound warning Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYRES Standard Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat. C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 PTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,			Front homologated					
Cab (Optional) Monoblock, soundproof, mounted on 'Silent block', safety cell integrated in the structure CONTROL INSTRUMENTS Analog (Standard) Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYRES Standard Optional 250/80-18 Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat.C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,								
Analog (Standard) Digital (Optional) TYRES Standard Optional TOW HOOKS Standard Standard Optional With reading of rpm, forward speed and rotation speed of power takeoff Trow Hooks Standard Optional Trow Hooks Standard Front and rear tow hook cat.C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,	Cab (Optional)	Monoblock, soundp		egrated in the structure				
Digital (Optional) With reading of rpm, forward speed and rotation speed of power takeoff TYRES Standard Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat.C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,								
TYRES Standard 250/80-18 Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat.C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 1960 OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,	,							
Standard 250/80-18 Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat.C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 1960 OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,		with read	iling of thirt, forward speed and rotation speed of	power takeon				
Optional 280/70-18 * 320/65-18 * 11.5/80-15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340/65-20 * 31x15.50-15 with tread XTC o STG - 13/6-16 Garden TOW HOOKS Standard Front and rear tow hook cat.C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 1960 OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,			250/80-18					
TOW HOOKS Standard Front and rear tow hook cat.C Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 1960 OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,		280/70-18 * 320/65-18 * 11.5/80-	15.3 * 8.00-20 * 9.50-20 * 300/70-20 * 340					
Optional Rear tow hooks CEE o CEE with Slider chassis WEIGHT-OPERATIONAL With standard roll bar frame (Kg) OPTIONAL Rear tow hooks CEE o CEE with Slider chassis 1960 1960 1960 1960 1960 1960 Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,	TOW HOOKS							
WEIGHT-OPERATIONAL With standard roll bar frame (Kg) 1960 1960 1960 Prional Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,								
With standard roll bar frame (Kg) 1960 1960 1960 1960 Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,	•		Rear tow hooks CEE o CEE with Slider chass	sis				
OPTIONAL Flash light set, silencer protection kit, oil filter protection kit, cyclone prefilter with external air intake,		1060	1060	1060				

THOR RS 75 - 85 - 95

TRACTOR DIMENSION							
	A	В	C	D	E min/max	F min/max	G min/max
3 cylinders	1075	1450	563	3088	2102 2202	1121 1221	237 337
4 cylinders	1142	1450	563	3155	2102 2208	1121 1221	237 337





TRACTOR WIDTH WITH DIFFERENT WHEEL TYPES

			H	I
Type of fyre and rim	Tyre width mm	Tyre height mm	min/max tread mm.	min/max width mm.
280/70-18 with adjustable rim	282	849	1064 – 1476	1346 - 1758
320/65-18 with adjustable rim	320	873	1170 – 1466	1490 - 1786
340/65-18 with adjustable rim	343	899	1170 – 1466	1513 - 1809
9.50/20 with adjustable rim	245	937	1046 – 1588	1291 - 1833
280/85-20 with adjustable rim	277	982	1134 – 1618	1411 - 1895
320/70-20 with adjustable rim	316	975	1134 – 1618	1450 - 1934
340/65-20 with adjustable rim	343	958	1134 – 1618	1477 - 1961
38/14-20 STG with adjustable rim	356	990	1238 – 1618	1594 - 1974
31x15.50 -15 XTC o STG with fixed rim	390	790	1260 – 1374	1650 - 1764
13/6 – 16 Garden with fixed rim	390	968	1240 – 1400	1630 – 1790



RS TURNING RADIUS

Tyre type	280/70-18	320/65-18	340/65-18	9.50-20	280/85-20
mm	3240	3260	3280	3150	3200
Tyre type	320/70-20	340/65-20	31x15.50-15	38/14-20	13/6 - 16
mm	3250	3280	3280	3280	3600



TECHNICAL SPECIFICATIONS	THOR 75 EP RS	THOR 85 EP RS	THOR 95 EP RS		
CHASSIS	Swir	ging integral chassis OS-FRAME with steering	wheels		
DRIVE		Four permanent tractor wheels			
ENGINE		4-stroke Diesel with direct injection			
Manufacturer		VM			
Туре	D753 IE3	D754 TE3	D754 IE3		
N° cylinders	3	4			
Displacement cc	2230	297			
Induction	Turbo intercooler	Turbo	Turbo intercooler		
Emission level	F4 4/70	Tier 3	07/04		
Power KW/CV	51,4/70	58/79	67/91		
Nominal speed (giri/min)	2300 265 / 1200	274 / 1800	420 / 1000		
Maximum tractor torque (Nm/giri.min)	Liquid	2747 1800 Liqu			
Cooling Specific fuel consumption (gr/KWh)	250	230	226		
Tank capacity (lt.)	250	55			
TRANSMISSION	32-sneed sync	hronized gearbox: 16 AV and 16 RM with sync	hronized reverser		
Main clutch		Vith multiple discs in oil bath with hydraulic cor			
DIFFERENTIAL LOCK		rential with simultaneous locking device and el			
AXLES		Front and rear with epicyclic reduction gear			
POWER TAKEOFF	Rear independent from gear an	d synchronized with forward speed. Engages u	nder load with brake disengaged		
PTO clutch	and the same of th	With multiple discs in oil bath	2 2		
Engagement control		Electro-hydraulic			
Independent PTO rotation speed (rpm)		540/750			
HYDRAULIC SYSTEM	Two	circuits with independent pumps and heat excl	nanger		
Flow rate to hydraulic pump which controls the			•		
hydroguide and electro-hydraulic controls (l/min)		31			
Flow rate to hydraulic pump which controls the		0.1			
lift and the distributors (I/min)		31			
Maximum hydraulic pressure (bar)		180			
DISTRIBUTORS		Mechanical control to max 6 hydraulic coupler	S		
Rear (Standard)		1 single-acting and 2 double-acting			
Rear (Optional)	1 single-acting, 1 double-act	ng e 1 double-acting floating type (eliminate "with	free return") or 3 double-acting		
ELECTRICAL SYSTEM					
Battery (Ah)		100			
Alternator (A)	55				
REAR LIFTING DEVICE	Standard: with two external jacks - Optional: force and position control				
Three-point hitches	Standard: Cat. 1 and 2 normal couplers adjustable tie-rods Optional: Cat. 1 and 2 rapid couplers 1 and 2, arms and tie rods adjustable in length				
Three-point drawbars	Outional Hodgedia th	Standard: with manual adjustment	ordere breakly ordale broaders offe		
Lifting consoits at the and of the arms to	Optional: Hydraulic th	ree-point hitch and right drawbar of hoisting de 2300	evice both with hydraulic		
Lifting capacity at the end of the arms kg FRONT LIFTING DEVICE (Optional)	With two outo	mal rams with front guard and two double-acti	ag control valvas		
Three-point hitches	With two exte	Standard: rigid with quick couplings Cat. 1	ig control valves		
Carrying capacity kg		800			
DRIVING UNIT		With platform			
Driving platform	Mono-dire	ectional or reversible with rotating platform and	dual pedals		
Steering wheel	Mono unv	Height adjustable			
SEATS with safety belts	Standard: comfortat	ole, spring suspended seat adjustable according	g to the driver's weight		
		Optional: 'Bostrom' seat			
SERVICE BRAKE	V	Vith multiple discs in oil bath with hydraulic cor	ntrol		
Parking brake		Acting on service brakes			
STEERING	With h	ydrostatic steering with two rams acting on fro	nt wheels		
SAFETY					
Roll bar frame (Standard)		Front homologated			
Frame with pillars (Optional)		Monoblock, mounted on 'Silent block'			
Cab (Optional)	Monoblock, soundp	roof, mounted on 'Silent block', safety cell inte	grated in the structure		
CONTROL INSTRUMENTS					
Analog (Standard)		olution counter, speedometer, water thermometer			
Digital (Optional)	With read	ing of rpm, forward speed and rotation speed of p	ower takeott		
TYRES		0.50/00			
Standard	000/70 40 + 000/05 40 + 0.10/0	9.50/20	\$ 00 4 4/00 CTO * 04/45 50 45 VTO		
Optional	280/70-18 * 320/65-18 * 340/6	5-18 * 280/85-20 * 320/70-20 * 340/65-20	38-14/20 STG * 31X15.50-15 XTC		
TOW HOOVE		e STG - 13/6-16 Garden			
TOW HOOKS		Front and roor tow beat and 0			
Standard		Front and rear tow hook cat.C	0		
Optional WEIGHT OPERATIONAL		Rear tow hooks CEE o CEE with Slider chassi	8		
WEIGHT-OPERATIONAL With standard roll har frame (Vg)	2010	2010	2010		
With standard roll bar frame (Kg) OPTIONAL		rotection kit, oil filter protection kit, cyclone pre			
OI HUMAL	ו ומאוו וואיונ אבנ, אווכווללו או	front weights and wheel weights.	meor with oatomal all illians,		



The design criteria have the support of very modern programs that work in 3D.



All the components of our machines are tested before going into production. This guarantees the quality and reliability of our products.



Designing for comfort is one of the essential components of our technical staff's Mission.



Tested and guaranteed original spare parts
E-parts is the on-line support for fast and easy service.



Efficient and valid assistance service with the support of friendly and competent technical staff:

E-service is the on-line tool supporting the service.



An extensive and efficient sales force guaranteeing service and assistance.

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