



[CODENAME]

RANGE KRYPTON

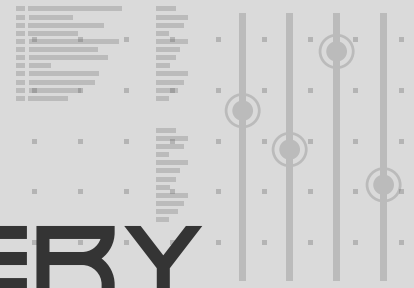
STAGE V

SEMPRE PIÙ POTENTE
SEMPRE PIÙ VELOCE
SEMPRE PIÙ ECONOMICA
SEMPRE PIÙ SILENTE

KRYPTON.115.
KRYPTON M 105 | M 115
KRYPTON F | F 90 | F 100



SAME



[MISSION]

SURMOUNT EVERY CHALLENGE

SAME presents a comprehensive range of crawler tractors designed to deliver exceptional performance even in the most demanding terrain conditions, whether in expansive open fields or narrow vineyards.

The Krypton, Krypton M, and Krypton F Stage V models introduce a host of innovative solutions that competitors will struggle to match, now offering increased power, enhanced agility, and a revamped driver zone for unparalleled comfort. These advancements are the result of continuous research by SAME to develop cutting-edge technology, built upon decades of experience in the field. Featuring efficient FARMotion 35 and 45 engines, a choice of two mechanical transmissions, an open-centre hydraulic system with two pumps, and mechanically operated spool valves with up to

10 rear couplers and 2 mid-mounted couplers, the Krypton family of tractors proves to be the ideal tool for any task. Specifically tailored for orchard and vineyard applications where compact dimensions and superior agility are essential, the Krypton F models excel. Meanwhile, the Krypton M is available in two configurations, allowing farmers to tailor their crawler tractor to suit either wide orchards or open-field applications. Notably, Krypton stands out as the sole crawler tractor in the market designed specifically for heavy-duty open-field operations.

MISSION



Krypton



Krypton M - wide



Krypton M - narrow



MISSION

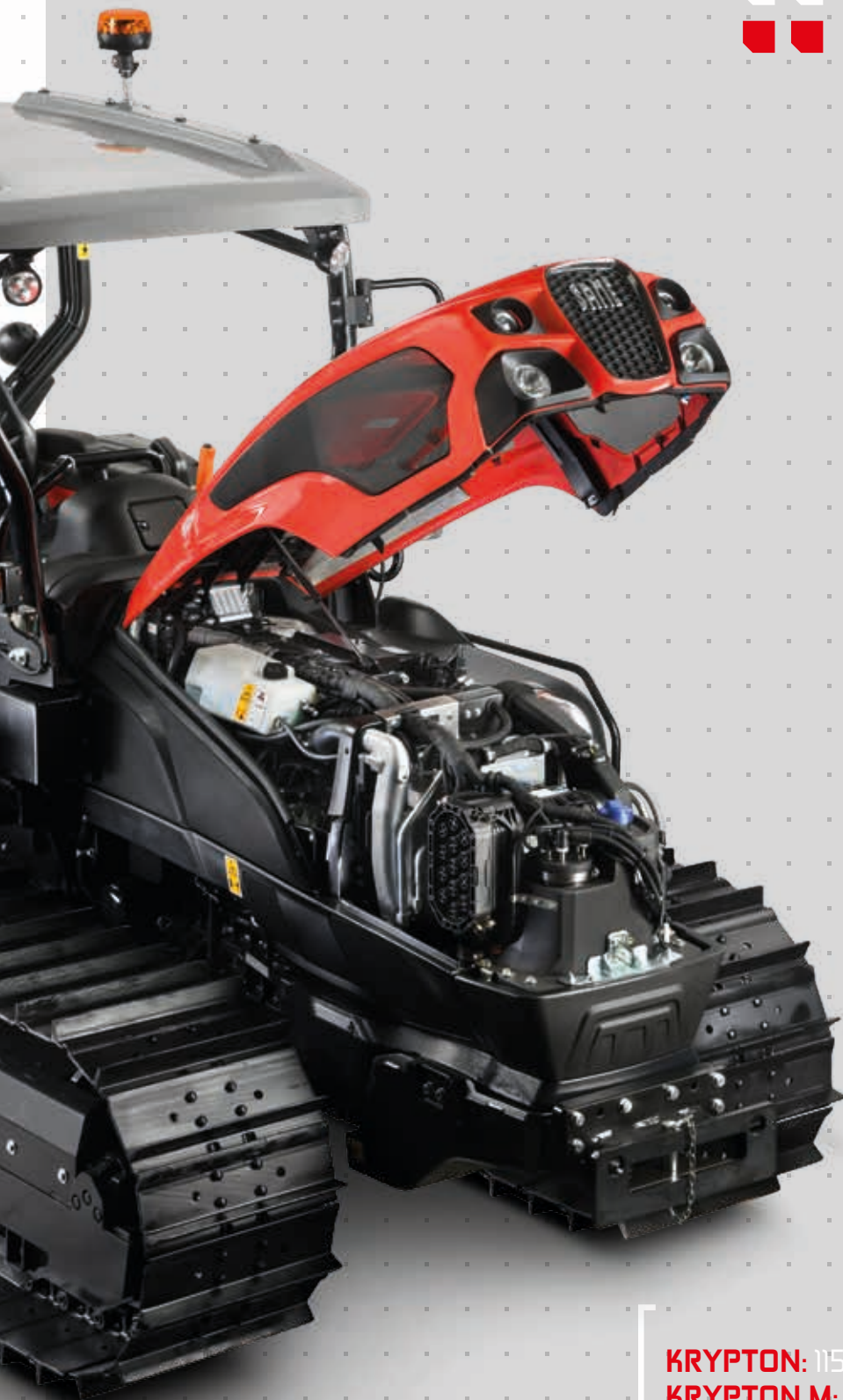
Krypton F





THE ENGINE

A PERFECT BALANCE OF POWER AND EFFICIENCY.



The Krypton family models are equipped with the renowned and potent FARMotion engines, tailored specifically for agricultural use.

Now Stage V compliant, the FARMotion 35 and 45 engines offer increased power and fuel efficiency, with extended service intervals of up to 600 hours. These engines feature innovative combustion chamber geometry, hydraulic tappets, electronically managed Common Rail injection, and a PowerCore air filter for optimal performance. Krypton F utilises the FARMotion 35 engine, offering compact dimensions and maximum agility between rows. The 75 HP models feature a simple integrated Exhaust After-Treatment system, requiring no additional fluids like AdBlue. Krypton M and Krypton boast the FARMotion 45 4-cylinder engine for enhanced pulling power, delivering up to 116 HP and 472 Nm torque.

KRYPTON: 115 HP - 83 kW

KRYPTON M: 105 / 115 HP - 74 / 83 kW

KRYPTON F: 75 / 90 / 100 HP - 55.8 / 65 / 71 kW

Despite their high displacement, the engines maintain a narrow and sloping bonnet for compactness. Standard features include two engine memory speeds, and on Krypton models also a decelerator pedal for added driver comfort during turns. Additionally, both engines are certified to run on alternative fuels like HVO, reducing CO₂ emissions and enhancing environmental friendliness.



ENGINE





TRANSMISSION AND PTO

OPTIMAL CONTROL FOR
MAXIMUM PERFORMANCE.
MISSION ACCOMPLISHED.

To accommodate a wide variety of applications, all models in the Krypton family come equipped with a standard 4-speed mechanical main gearbox with 2 ranges, a synchronised reverse shuttle, and OverDrive, offering a total of 16+16 speeds.

As an option, the Krypton, Krypton M, and Krypton F models can be fitted with a 12+12 gearbox featuring a creeper gear, allowing a minimum speed of 0.43 km/h with the engine at maximum revs. The steering clutches and wet disc brakes are hydraulically assisted and can be engaged progressively and independently for each track using a pair of ergonomic levers on the dashboard. Pulling either lever halfway engages the respective steering clutch only, while pulling it further also engages the brakes.

TRANSMISSION AND PTO





The PTO comes standard with an interchangeable output flange shaft and a proportionally engaged electrohydraulic clutch.

To ensure these tractors can work effectively with any implement, the rear PTO is provided with standard 540 rpm and 540ECO speed modes. Additionally, a 540 + 1000 rpm PTO is available as an option for the Krypton and Krypton M models.



HYDRAULICS AND LIFTS

MATCHLESS IN ANY CIRCUMSTANCE.



The hydraulic system of the Krypton, Krypton M, and Krypton F models features two separate circuits, each with its own dedicated pump.

The main circuit, which serves the lift and auxiliary distributors, has a flow rate of 50 l/min, while the secondary system provides an oil flow of 25 l/min to power the steering clutches, brakes, PTO clutch, and the transmission's forced lubrication system. The forced lubrication system is essential for maintaining the transmission's reliability when operating on very steep gradients. The mechanical rear lift of the Krypton, Krypton M, and Krypton F models has a maximum capacity of 3170 kg and offers exceptional reliability and precision in position and draft control. The Cat II three-point hitch is available in both fixed and automatic coupler versions. To support hydraulically powered implements, these tractors come standard with three double-acting distributors.





HYDRAULICS AND LIFTS



OPEN FIELD



FIELD





KRYPTON

STRONG, LIKE THE SLOPES OF YOUR FIELD.



Krypton is specifically designed for heavy-duty tasks and hilly open-field applications.

Therefore, it comes with the highest power rating only: the Krypton 115 boasts a maximum power of 116 HP and a maximum torque of 472 Nm.

The Krypton 115 features a six-roller undercarriage, offering exceptional stability and traction. Its long wheelbase and the wide footprint provided by a track of 40 shoes, each 450 mm wide, ensure even weight distribution to the ground, maximising pulling capabilities and flotation in all conditions. Traction performance can be further improved by adding ballast options, including 300 kg

undercarriage guards and 340 kg front ballast, available directly from the factory. With an overall width of 1800 mm and a low centre of gravity, the Krypton 115 maintains high stability even on lateral slopes. Fully lubricated chains are available as an option, reducing maintenance needs, noise, vibrations, wear and power losses. The driving station of the Krypton 115 is unique in the crawler tractor market. A flat floor platform comes standard, providing the highest comfort levels for the driver. The new dashboard features a digital-analog cluster that always displays the tractor status. Additionally, the new steering levers have an innovative layout that reduces steering effort by up to 20%. The 4-post ROPS safety frame

KRYPTON

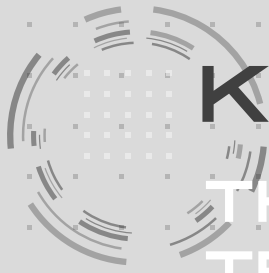


can be equipped with a sunroof and four working lights, available in both Halogen and LED. Furthermore, a pneumatically suspended driver seat is available as an option. Krypton 115 tractors can be ordered ex-factory with a cab pre-disposition, including an air conditioning compressor, a larger alternator and heating system lines to allow professional installation of an aftermarket cab.



KRYPTON





KRYPTON M - WIDE

THE PERFECT BALANCE OF TRACTION AND MINIMAL SOIL COMPACTION.



When configured with wide shoes track (450 mm) and 4-post safety frame, the models of Krypton M are perfect for working in hilly open field terrains.

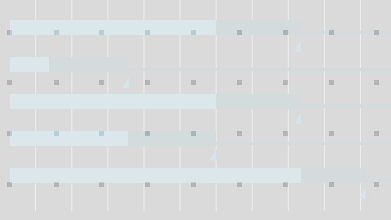
While keeping the same footprint and the same track width of their Krypton 115 siblings, the Krypton M 105 and Krypton M 115 are slightly lighter, ensuring low soil compaction. The low pressure applied on the ground (less than 310 g/cm²) ensure outstanding flotation and

minimum soil compaction. And thanks to the tunnel layout and the lower fuel tank positioning, the centre of gravity is even further reduced, making these models the optimal tractors for secondary tillage operations, such as harrowing or seeding in extreme hilly conditions.

The ergonomic design of the Krypton M's driving position meets all ergonomic standards, with primary controls conveniently grouped on the right-hand side console. The fixed 4-post safety

KRYPTON M - WIDE





frame ensures maximum safety and can be upgraded with a practical sunroof. Optional Halogen or LED working lights are available, along with a factory-fitted larger alternator and A/C compressor to simplify the installation of an aftermarket cab. Various ballast options, ranging from front weights to cast iron undercarriage guards, are also available.



KRYPTON M - WIDE



ORCHARD AND VINE



RDS EYARDS





KRYPTON M - NARROW

DESIGNED WITH A SLEEK
OUTLINE AND POWERED BY A
POWERFUL ENGINE.



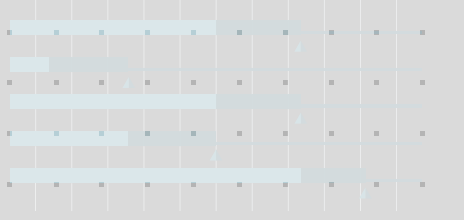
The Krypton M comes in two power ratings offering either 106 or 116 HP of maximum power.

The configuration of Krypton M which is designed for orchard applications features a narrow track (400 mm) and a front foldable two-post safety frame. These elements, combined with low-profile fuel tanks and a driving station with tunnel, create a compact silhouette

for these tractors, enhancing their agility even in the most challenging hilly rows. Conversely, the long wheelbase (1650 mm), along with the 6-roller undercarriage and an overall width of 1750 mm, ensures optimal stability in all conditions, while the FARMotion 45 4-cylinder engines deliver top-notch performance consistently. Additionally, fully lubricated chains are available as an option, reducing maintenance requirements, wear, and

KRYPTON M - NARROW





power losses. Similar to the open field version, the driving position of the Krypton M for orchard applications meets all ergonomic requirements, with the main controls grouped on the right-hand side console. For increased comfort, an aftermarket cab can be fitted. A larger alternator and A/C compressor can be ordered ex-factory to reduce installation effort. Several ballast options are available, including front weights and cast iron undercarriage guards.



KRYPTON M - NARROW





KRYPTON F

CONCEIVED TO FIT ANY HILLY VINEYARD.



Tailored for orchard and vineyard applications, the Krypton F comprises three models, with power ratings from 75 to 102 HP.

To suit various vineyard and orchard layouts, these models offer three steel track sizes and one rubber track option (ComfortTrack) directly from the factory. With overall widths ranging from 1360 to 1750 mm and a 5-roller undercarriage, Krypton F models maintain a compact and agile profile. When outfitted with ComfortTrack rubber tracks, the models boast an overall

width of 1540 mm. This innovative track system combines the benefits of standard steel crawlers, such as exceptional traction and a large footprint, with wheel advantages, including reduced turf damage during steering, minimised driver vibration, and seamless road transfers, eliminating the need for overshoes when driving on public streets.

The smaller Krypton F models feature a compact EAT system seamlessly integrated into the tractor's silhouette, requiring no additional fluids like AdBlue.



For the 90 and 100 models, Stage V compliance is achieved through a comprehensive after-treatment package, incorporating DOC, DPF, and SCR-System. The driving position of Krypton F models prioritizes compact tractor dimensions and ergonomic controls for the driver. The outcome is a Silent-Block suspended platform with low-profile sides and a lateral console housing all primary controls. The steering levers which actuate the integrated steering clutches and brakes, can be operated with low effort.



KRYPTON F



KRYPTON

DRIVING POSITION

- Flat floor platform
- 4-post ROPS with sun canopy
- New steering levers layout with high ergonomics

HYDRAULICS

- Up to 5 rear distributors (10 ways)
- Hydraulic system with 50 l/min pump dedicated to distributors + 25 l/min pump specific for steering
- Rear lift with max. capacity of 3170 kg

ENGINE

- FARMotion 45 Stage V engines
- Power output 116 HP
- High capacity fuel tank (130 l)

TRACKS

- 6 rollers undercarriage
- 450 mm shoe width
- Lubricated chains
- 16.650 cm² footprint area

TRANSMISSION AND PTO

- OverDrive transmission
- From 12+12 to 16+16 speeds
- 540/540ECO or 540/1000 PTO speeds

ENGINE		
Model		FARMotion 45
Emission level		Stage V
Cylinders/Displacement	n°/cc	4/3849
Bore/Stroke	mm	103/115.5
Turbo Intercooler		▲
Common Rail injection	bar	2000
Max. power (ECE R120)	kW/HP	85/116
Power at rated engine speed (ECE R120)	kW/HP	80.6/110
Max. torque	Nm	472
Engine speed at maximum torque	rpm	1400
Electronic engine control		▲
PowerCore air filter		▲
Fuel tank capacity	l	130
AdBlue tank capacity	l	11
EAT	System	DOC+DPF+SCR
TRANSMISSION		
SDF transmission		CT4150
Gearbox		4 gears x 2 ranges x OverDrive or 4 gears x 3 ranges
Shuttle	Type	Mechanical
N° of speeds (OverDrive)	n°	16+16
N° of speeds (creeper)	n°	12+12
PTO		
Electrohydraulic engagement		▲
540/540ECO		▲
540/1000		○
LIFT		
Mechanical rear lift		▲
Rear lift capacity	kg	3170
HYDRAULICS		
Pump flow	l/min	50+25
Rear spool valves (STD)	n°	3
Rear spool valves (OPT)	n°	5
BRAKES AND STEERING		
Multi-plate wet lateral steering clutches		▲
Wet band steering brakes		▲
Pedal operated service brake		▲
TRACKS		
Number of rollers	n°	6
Manual chain tightener		▲
Track type		Steel
Number of shoes	n°	40
Shoe width	mm	450
Dry chains		▲
Lubricated chains		○
DRIVING STATION		
Flat floor platform suspended on Silent-Block		▲
4-post safety frame		▲
Sun roof canopy		○
Driving seat with mechanical suspension		▲
Driving seat with pneumatic suspension		○
2+2 Halogen working lights on roof		○
2+2 LED working lights on roof		○
Aftermarket cab prearrangement on the engine		○
DIMENSIONS AND WEIGHTS		
With steel tracks		
Shoe width	mm	450
Wheelbase	mm	1850
Max. length	mm	3550
Total height	mm	2320
Width	mm	1800
Unladen weight	kg	5350

▲ STD ○ OPT - Not available.

KRYPTON M

ENGINE

- FARMotion 45 Stage V engines
- Power output 106 and 116 HP
- 95 l fuel tank

HYDRAULICS

- Up to 10 rear hydraulic ways
- 2-mid mounted hydraulic ways and flow regulator always available
- Hydraulic system with 50 l/min pump dedicated to distributors + 25 l/min pump specific for steering
- Rear lift with max. capacity of 3170 kg

DRIVING POSITION

- Low-profile sides
- 2-post foldable safety frame or 4-post ROPS with sun canopy

TRACKS

- 6 rollers undercarriage
- 400 or 450 mm shoe width
- Lubricated chains
- Up to 16,650 cm² footprint area

TRANSMISSION AND PTO

- OverDrive transmission
- From 12+12 to 16+16 speeds
- 540/540ECO or 540/1000 PTO speeds

KRYPTON M

		105	115
ENGINE			
Model		FARMotion 45	
Emission level		Stage V	
Cylinders/Displacement	n°/cc	4/3849	
Bore/Stroke	mm	103/115.5	
Turbo Intercooler		▲	
Common Rail injection	bar	2000	
Max. power (ECE R120)	kW/HP	78/106	85/116
Power at rated engine speed (ECE R120)	kW/HP	74/101	80.6/110
Max. torque	Nm	433	472
Engine speed at maximum torque	rpm	1400	
Electronic engine control		▲	
PowerCore air filter		▲	
Fuel tank capacity	l	95	
AdBlue tank capacity	l	11	
EAT	System	DOC+DPF+SCR	
TRANSMISSION			
SDF transmission		CT4150	
Gearbox		4 gears x 2 ranges x OverDrive or 4 gears x 3 ranges	
Shuttle	Type	Mechanical	
N° of speeds (OverDrive)	n°	16+16	
N° of speeds (creeper)	n°	12+12	
PTO			
Electrohydraulic engagement		▲	
540/540ECO		▲	
540/1000		○	
LIFT			
Mechanical rear lift		▲	
Rear lift capacity	kg	3170	
HYDRAULICS			
Pump flow	l/min	50+25	
Rear spool valves (STD)	n°	3	
Rear spool valves (OPT)	n°	3+2 diverters (10 rear ways)	
Mid mounted hydraulic ways	n° of ways	2	
BRAKES AND STEERING			
Multi-plate wet lateral steering clutches		▲	
Wet band steering brakes		▲	
Pedal operated service brake		▲	
TRACKS			
Number of rollers	n°	6	
Manual chain tightener		▲	
Track type		Steel	
Number of shoes	n°	40	
Shoe width	mm	400 or 450	
Dry chains		▲	
Lubricated chains		○	
DRIVING STATION			
Platform suspended on Silent-Block		▲	
2-post foldable safety frame		▲	
4-post safety frame		○	
Sun roof canopy		○	
Driving seat with mechanical suspension		▲	
2+2 Halogen working lights on roof		○	
2+2 LED working lights on roof		○	
Aftermarket cab prearrangement on the engine		○	
DIMENSIONS AND WEIGHTS			
Krypton M wide with steel tracks			
Shoe width	mm	450	
Wheelbase	mm	1850	
Max. length	mm	3550	
Total height	mm	2320	
Width	mm	1800	
Unladen weight	kg	5225	
Krypton M narrow with steel tracks			
Shoe width	mm	400	
Wheelbase	mm	1850	
Max. length	mm	3550	
Total height	mm	2600	
Width	mm	1800	
Unladen weight	kg	5000	

▲ STD ○ OPT - Not available

KRYPTON F

DRIVING POSITION

- Low-profile sides
- 2-post foldable safety frame

HYDRAULICS

- Up to 10 rear hydraulic ways
- 2-mid mounted hydraulic ways and flow regulator always available
- Hydraulic system with 50 l/min pump dedicated to distributors + 25 l/min pump specific for steering
- Rear lift with max. capacity of 3170 kg

ENGINE

- FARMotion 35 Stage V engines
- Power output from 75 to 102 HP
- With and without AdBlue

TRACKS

- 5 rollers undercarriage
- From 310 to 400 mm shoe width
- ComfortTrack rubber tracks available
- Semi-lubricated chains
- Up to 13,200 cm² footprint area

TRANSMISSION AND PTO

- OverDrive transmission
- From 12+12 to 16+16 speeds
- 540/540ECO PTO speeds

KRYPTON F

		KRYPTON F	90	100
ENGINE				
Model			FARMotion 35	
Emission level			Stage V	
Cylinders/Displacement	n°/cc		3/2887	
Bore/Stroke	mm		103/115.5	
Turbo Intercooler			▲	
Common Rail injection	bar		2000	
Max. power (ECE R120)	kW/HP	55.8/76	67/91	75/102
Power at rated engine speed (ECE R120)	kW/HP	55.2/75	63.5/86	71.1/97
Max. torque	Nm	341	372	417
Engine speed at maximum torque	rpm	1500	1400	
Electronic engine control			▲	
PowerCore air filter			▲	
Fuel tank capacity	l		95	
AdBlue tank capacity	l	-	11	
EAT	System	DOC+DPF	DOC+DPF+SCR	
TRANSMISSION				
SDF transmission			CT4130	
Gearbox			4 gears x 2 ranges x OverDrive or 4 gears x 3 ranges	
Shuttle	Type		Mechanical	
N° of speeds (OverDrive)	n°		16+16	
N° of speeds (creeper)	n°		12+12	
PTO				
Electrohydraulic engagement			▲	
540/540ECCO			▲	
LIFT				
Mechanical rear lift			▲	
Rear lift capacity	kg		3170	
HYDRAULICS				
Pump flow	l/min		50+25	
Rear spool valves (STD)	n°		3	
Rear spool valves (OPT)	n°		3+2 diverters (10 rear ways)	
Mid mounted hydraulic ways	n° of ways		2	
BRAKES AND STEERING				
Multi-plate wet lateral steering clutches			▲	
Wet band steering brakes			▲	
Pedal operated service brake			▲	
TRACKS				
Number of rollers	n°		5	
Manual chain tightener			▲	
Track type			Steel	
Number of shoes	n°		37	
Shoe width	mm		310 or 360 or 400	
Semi-lubricated chains			▲	
Track type			ComfortTrack (rubber)	
Belt width	mm		400	
DRIVING STATION				
Platform suspended on Silent-Block			▲	
2-post foldable safety frame			▲	
Driving seat with mechanical suspension			▲	
Aftermarket cab prearrangement on the engine			○	
DIMENSIONS AND WEIGHTS				
L-equipment with steel tracks				
Shoe width	mm		400	
Wheelbase	mm		1650	
Max. length*	mm		3420	
Total height*	mm		2600	
Width	mm		1750	
Unladen weight	kg		4600	
N-equipment with steel tracks				
Shoe width	mm		360	
Wheelbase	mm		1650	
Width	mm		1460	
Unladen weight	kg		4400	
N-equipment with ComfortTrack rubber tracks				
Belt width	mm		400	
Wheelbase	mm		1663	
Width	mm		1540	
Unladen weight	kg		4300	
C-equipment with With steel tracks				
Shoe width	mm		310	
Wheelbase	mm		1650	
Width	mm		1360	
Unladen weight	kg		4350	

▲ STD ○ OPT - Not available


* Max. length and total height values do not change according to the equipment.

All pictures displayed for the Krypton F refer to the 75 HP version

The technical data and images contained herein are indicative only. SAME reserves the right to modify its products at any time without prior notice.
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To find out more, visit same-tractors.com or talk to your dealer.



SAME is a brand of  SDF

