



**ArmaTrac**<sup>®</sup>

# 504e

## Perkins Tier 3A Engine

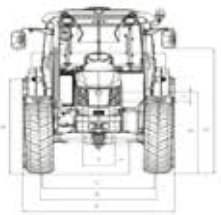
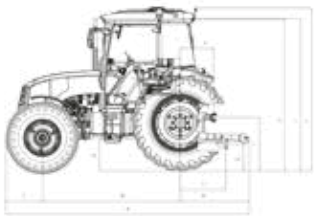
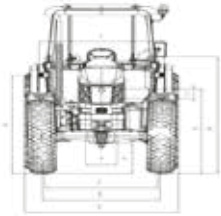
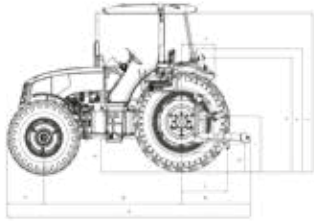
- Carraro transmission
- Turbo intercooler
- Higher performance with lower fuel
- 12 forward 12 reverse gear box with creeper gear option
- Easy to operate with its shuttle feature
- Automatic hydraulic lifting system
- Pick up hitch
- 540/540E ground synchronized PTO
- Circuit breaker
- MP3 player



**Armed well, even for the toughest job.**



504e



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ENGINE		
Emissions		STAGE III-A (Tier 3)
Model		PERKINS / 1103D-33 (3308/2200)
Power		36.9 kW @ 2200 rpm
PTO Power		31 kW
Rated speed		2350 rpm
Number of cylinders - Cubic capacity		3 Cylinders / 3.3 liters
Aspiration		Naturally aspirated
Bore x Stroke		105 mm x 127 mm
Max Torque		196 Nm
Torque reserve		22.5%
CLUTCH		
Type		Dry, dual, mechanical control
Diameter		11" (280 mm)
Lining		Serametalic
TRANSMISION		
Type		Carraro T50
Shifting		(F+R)x4x3
Gears forwards/reverse		12 forward / 12 reverse
Speed		0.50 – 30.74 km/hr
PTO SHAFT		
Type		Independent
Speed		540/540E rpm and Synchronized
HYDRAULICS		
Type		Mechanical with draft
Three point linkage		Cat. 2 linkage with ball ends
Control		Position, draft and mixed
Lift capacity		2200 Kg
Operating Pressure		180 Mpa
Pump capacity		48.5 lt/min @ 2400 rpm
Remote valves		Standart 1 set Valves
Pick up hitch		Max. Vertical Load on the coupling point 1100 kg
OTHER		
Drive system	2 WD / 4 WD	2 WD / 4 WD
Operating space	Rollbar / Cab	Rollbar / Cab
Steering	Hydrostatic	Hydrostatic
Service Brake	disc brakes	disc brakes
Parking Brake	Mechanic	Mechanic
Front axle 2WD	45° turning angle	45° turning angle
Front axle 4WD	40° turning angle - LSD	40° turning angle - LSD
Rear axle	Mechanical diferantial locking	Mechanical diferantial locking
Standart Ballast		
Front Ballast	4 x 30Kg	4 x 30Kg
Rear Ballast	2 x 50Kg	2 x 50Kg
DIMENSIONS		
A-Length	3725 mm	3725 mm
B-Wheelbase	2000 mm	2065 mm
C-Front track width	1400-1800 mm	1400-1800 mm
D-Rear track width	1400-1800 mm	1400-1800 mm
E-Width	1815 mm	1815 mm
F-Ground clearance	375 mm	375 mm
G-Ground clearance with Trailer	355 mm	355 mm
H-Folded ROPS height	1550 mm	1550 mm
K-Distance from Muffler	2365 mm	2365 mm
L-Distance from front to axle axis	520 mm	620 mm
M-Maximum Height	2590 mm	2590 mm
N-Distance from lowerlink ends to rear axle axis	1080 mm	1080 mm
Standart Front Tyre	Front 7.50-16	9.5-24
Standart Rear Tyre	Rear 14.9-30	14.9-30
Tractor Weight (Unballast)	Rollbar 2380 Kg	2600 Kg
	Cab 2540 Kg	2860 Kg
ROPS		
Rollbar	YES	YES

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