



83C BACKHOE LOADER

- PERKINS DIRECT INJECTION ENGINE
- CARRARO TRANSMISSION AND AXLES
- THE EXCAVATING SIDE WITH SIDE SHIFT FRAME AND SWING BOOM
- SIX SIDED PANORAMIC CAB
- ROTATING SEAT INTEGRATED PILOT CONTROL

■ RATED POWER: (METRIC / IMPERIAL)	74.5 kW / 2200 rpm
■ MAX. FORWARD SPEED:	39.0 km/h
■ OPERATING WEIGHT:	8600 kg

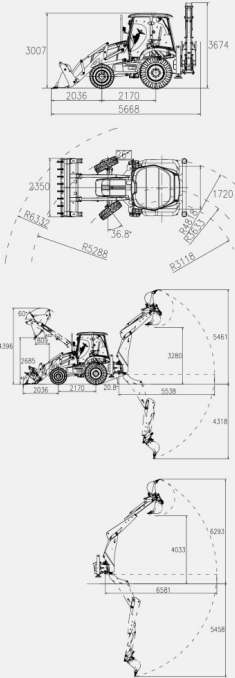
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SPECIFICATIONS



TECHNICAL PARAMETERS	
BASIC	SPECIFICATION
OPERATING WEIGHT	8600 kg
STANDARD LOADING BUCKET CAPACITY	1.0 m³
STANDARD EXCAVATING BUCKET CAPACITY	0.2 m³
MAX. TRACTIVE FORCE	74 kN
MAX. DIGGING FORCE-LOADER	62 kN
MAX. BREAKOUT FORCE-LOADER	61 kN
MAX. ARM DIGGING FORCE-EXCAVATOR	38 kN
MAX. BUCKET DIGGING FORCE-EXCAVATOR	61 kN
ENGINE	SPECIFICATION
BRAND	Perkins
MODEL	1104D-44TA
TYPE	Water cooling, Four cylinder, four
RATED POWER (SAE J1349)	74.5 kw * 2200 rpm
MAX. TORQUE	410 Nm
DISPLACEMENT	4.4 L
TRANSMISSION	SPECIFICATION
BRAND,MODEL AND TYPE	Carraro
GEARS FORWARD	4
GEARS REVERSE	4
MAX. SPEED FORWARD	39.0 km/h
MAX. SPEED REVERSE	36.0 km/h
SERVICE BRAKE TYPE	Wet brake
PARKING BRAKE TYPE	Caliper disc brake
FRONT AXLE	SPECIFICATION
BRAND AND TYPE	Carraro, Steering axle
STEERING ANGLE	38°
REAR AXLE	SPECIFICATION
BRAND AND TYPE	Carraro, Wet axle
TYRES	SPECIFICATION
FRONT	12.5/80-18 14PR
REAR	18.4-26 12PR
FRONT TYRE PRESSURE	0.43±0.03 Mpa
REAR TYRE PRESSURE	0.25±0.03 Mpa
HYDRAULICS	SPECIFICATION
TYPE	Load sensitive hydraulic steering
MAX. FLOW	166L/min
MAX. PRESSURE	27.5 Mpa
SERVICE FILL CAPACITIES	SPECIFICATION
FUEL	170 L
HYDRAULIC OIL	160 L
ENGINE	10 L
TRANSMISSION	19.5 L
ANTI FREEZE	13.5 L
FRONT AXLE	9.1 L
REAR AXLE	17.5 L

DIMENSIONS



THE FOLLOWING BLANK CAN BE USED FOR NOTES OR COMMENTS

FOR MORE INFORMATION ON LONKING PRODUCTS
PLEASE CONTACT OUR LOCAL AGENT