



SUPRA

ENGINE

Make	: PERKINS
Type	: 1204F-E44TAN Diesel Engine
Number of Cylinders	: 4 in line
Bore & Stroke	: ø 105 x 127 mm
Displacement	: 4400 cc
Maximum Power	: 100 HP (74,4 kW) @2200 rpm
Maximum Torque	: 450 Nm @1400 rpm
High power and torque output, water cooled turbocharged diesel engine.	
Compatible with U.S EPA Tier 4 Final and EU Stage IV exhaust gas emission regulations	

TRANSMISSION

- Autoshift transmission for heavy duty service
- Torque converter with 2,38:1 stall ratio
- Electrically controlled 2 Wheel drive or 4 Wheel Drive selection
- 6 forward, 3 reverse gears (Lock-Up)
- Transmission oil cooler
- A neutral circuit allows starting only when the control lever is in neutral position for safety.

AXLES

- Heavy duty service type axles
- Planetary outboard type reduction gears
- Total 16 degrees oscillation on the front axle
- Torque proportional type front axle differential
- LSD (Limited Slip Differential) type rear axle differential
- Locking type rear axle differential (optional)

CAB & HOOD

- Widened visual angle
- Ergonomic & Aesthetic Interior Design
- 3" LCD display on front panel and 5,5" coloured TFT display on side panel
- Opera Control System
- High capacity A/C system
- Cool-box
- Improved ventilating with 15 air nozzles
- ISO Patternshifter
- ROPS and FOPS certificated cab
- Air suspension seat
- TIPSHIFT front loader joystick
- Pool type floor mats
- Removable lids
- Smart-Link
- Storage boxes for operator
- Foldable side steps
- Plastic fuel tank
- LED working lights
- LED step lights

HYDRAULIC SYSTEM

Closed type hydraulic system with variable displacement piston type pump, renewable flowsharing and valves with regeneration (Flowcharging)	
Main Pump Flow	: 163 L/min @2200 rpm
Pressure	: 250 bar

DRIVING SPEED

@ 2200 rpm engine speed	
1 st gear	: 6 km/h
2 nd gear	: 9 km/h
3 rd gear	: 12 km/h
4 th gear	: 20 km/h
5 th gear	: 28 km/h
6 th gear	: 40 km/h



FILLING CAPACITIES

Engine Oil Pump	: 8,8 L
Engine Cooling System	: 22 L
Fuel Tank	: 150 L
Hydraulic Oil Tank	: 70 L
Transmission Oil	: 16 L
Ad Blue	: 19 L

TIRES

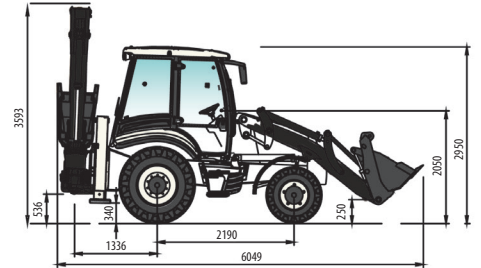
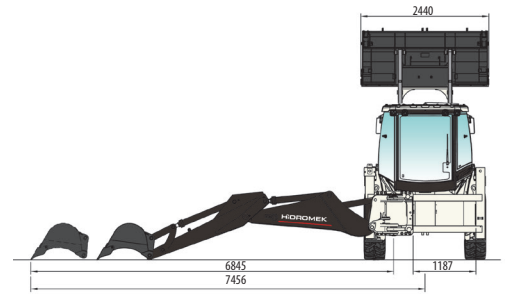
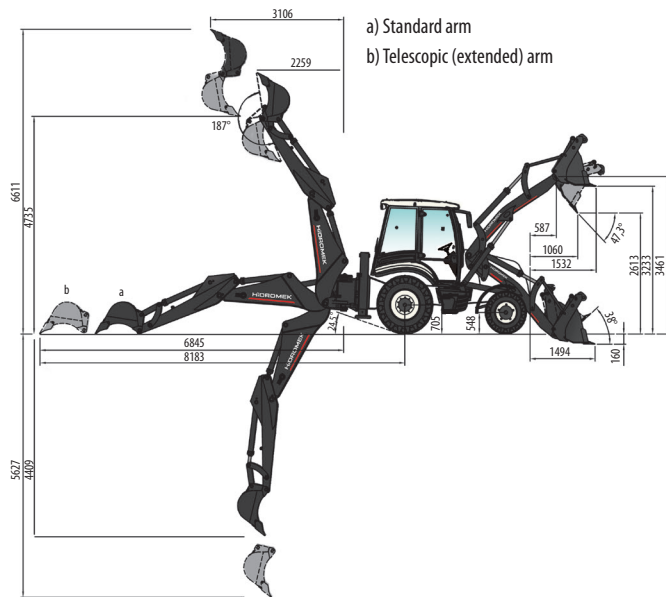
Front	: 16/70 - 20 12 Ply Rating
Rear	: 16,9 - 28 14 Ply Rating (Optional : 18,4- 26 14 Ply Rating)

OPERATING WEIGHT

Operating weight (with standard equipment)	: 9.385 kg
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Operational weight, complying with the ISO 6016 standards, includes full fuel tank, hydraulic system and other liquids, 75 kg operator weight and standard equipped machine weight. Optional equipments are not included.

HMK102B SUPRA



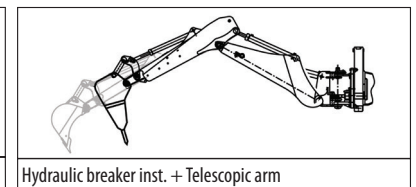
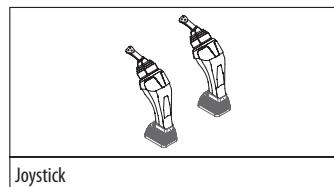
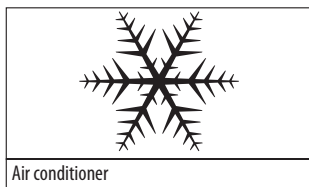
LOADER PERFORMANCE

6 in 1 bucket capacity	1,1 m ³
Max. bucket breakout force	8273 kgf
Max. loading arm breakout force	7430 kgf
Lifting capacity to maximum height	3687 kg

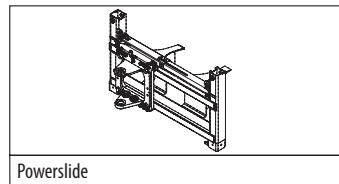
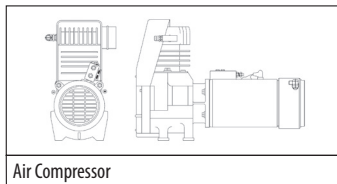
BACKHOE PERFORMANCE

	Telescopic Arm (extended)	Telescopic Arm (retracted)
Bucket capacity	0,17 m ³	0,17 m ³
Max. bucket breakout force	7765 kgf	7765 kgf
Max. dipper breakout force	3435 kgf	2463 kgf

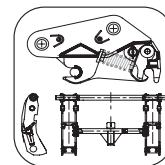
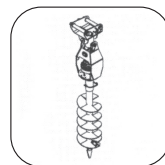
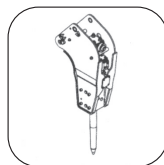
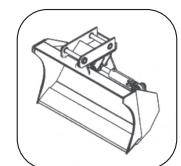
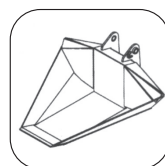
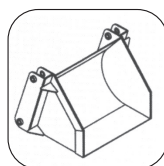
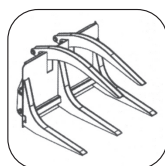
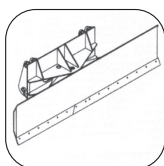
Standart Accessories



Optional Accessories



Optional Attachments



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