



SUPRA

ENGINE

Make	: PERKINS
Type	: 1104D-44TA Diesel Engine
Number of Cylinders	: 4 in line
Bore & Stroke	: 105 x 127 mm
Displacement	: 4400 cc
Maximum Power	: 74,5 kW, 100 HP (2200 rpm)
Maximum Torque	: 410 Nm (1400 rpm)

High power and torque output, water cooled turbocharged diesel engine.
Compatible with USA EPA Tier 3 and European EC Stage III-A exhaust gas emission regulations

TRANSMISSION

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

AXLES

- Heavy duty service type ZF axles
- Planetary outboard type reduction gears
- Total 16 degrees oscillation on the front axle
- Equipped with LSD (Limited Slip Differential) and differential lock

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 lt/min (2200 rpm)
Pressure	: 227 bar

DRIVING SPEED

At 2200 rpm engine speed		
1 st gear	: 5.6	km/h
2 nd gear	: 8.9	km/h
3 rd gear	: 11.4	km/h
4 th gear	: 18.1	km/h
5 th gear	: 24.1	km/h
6 th gear	: 40	km/h



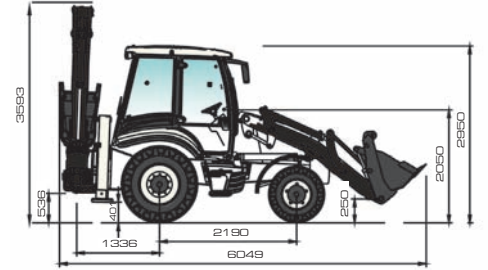
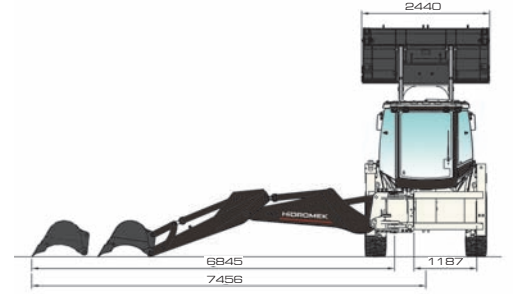
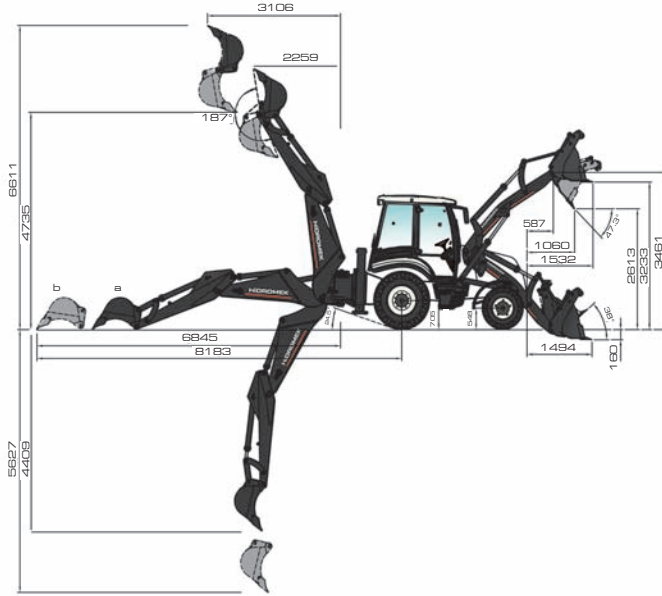
TIRES

Front	: 16/70 - 20 12 Ply Rating
Rear	: 16.9 - 28 12 Ply Rating
	(Optional : 18.4 - 26 12 Ply Rating)

OPERATING WEIGHT

Operating weight (with standard equipment) : 9.500 kg



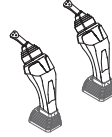
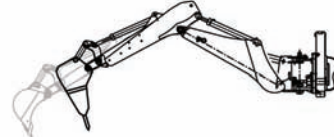
HMK102B SUPRA



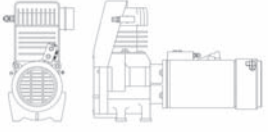
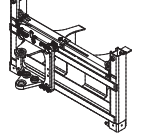
LOADER PERFORMANCE	
6 in 1 bucket capacity (m ³)	1.1
Max. bucket breakout force (kgf)	7209
Max. loading arm breakout force (kgf)	6515
Lifting capacity to maximum height (kg)	3170

BACKHOE PERFORMANCE	Standard Arm	Telescopic Arm (extended)	Telescopic Arm (retracted)
Bucket capacity (m ³)	0.17	0.17	0.17
Max. bucket breakout force (kgf)	6209	6364	6364
Max. dipper breakout force (kgf)	2983	2026	2867



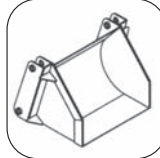
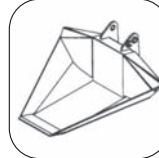

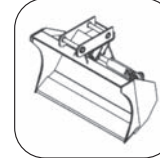


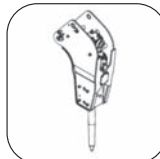
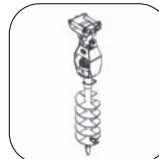
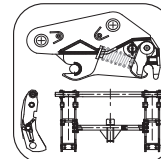
Standart Accessories

			
Air conditioner	MSS (Motion Stabilizer System)	Joystick	Hydraulic breaker inst. + Telescopic arm

Optional Accessories

	
Air Compressor	Powerslide

Optional Attachments

					
Grading blade	Timber grab	Special buckets	Trapezoidal ditch bucket	Ripper	Offset bucket
					
Clamshell grab	Backhoe bucket of different sizes	Hydraulic breaker	Auger	Quick coupler	

HIDROMEK®

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