



SUPRA

ENGINE

Make	: PERKINS
Type	: 904J-E36TA Diesel Engine
Number of Cylinders	: 4 in line
Bore & Stroke	: ø 98 x 120 mm
Displacement	: 3621 cc
Maximum Power	: 99,8 HP (74,4 kW) @2200 rpm
Maximum Torque	: 430 Nm @1500 rpm
Emission Class	: EU: Stage V US: Tier 4 final

High power and torque output, water cooled turbocharged diesel engine.

TRANSMISSION

- Autoshift transmission for heavy duty service
- 6 forward, 3 reverse gears
- Torque convertor 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 type
- Planetary outboard type reduction gears
- Total 16 degrees oscillation on the front axle
- Limited slip (LSD) type front axle
- Equipped with differential lock.

TIRES

Front / Rear	: 16.9-28 radyal (optional)
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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)

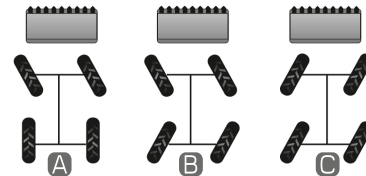
Main Pump Flow	: 163 L/min @2200 rpm
Pressure	: 255 bar

DRIVING SPEED

@ 2200 rpm engine speed	
1 st gear	: 5 km/h
2 nd gear	: 9 km/h
3 rd gear	: 11 km/h
4 th gear	: 18 km/h
5 th gear	: 23 km/h
6 th gear	: 40 km/h

STEERING

- Electrical controlled 3 different steering modes
- | | |
|---|---|
| A | 2 - wheel front steering for road drive |
| B | 4 - wheel steering for tight turns |
| C | 4 - wheel "crab" steering for close - to wall digging and ditch closing |



FILLING CAPACITIES

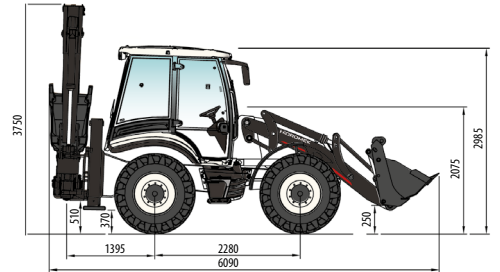
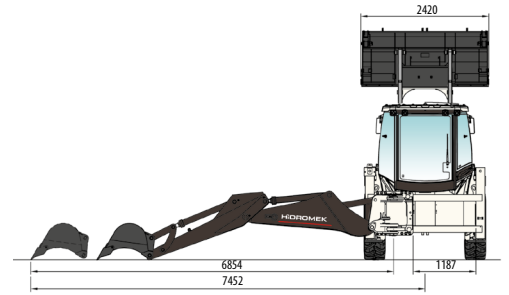
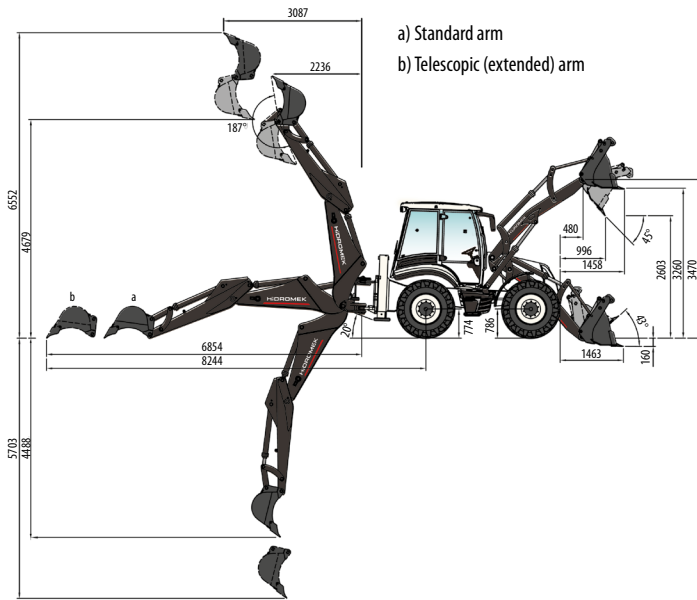
Engine Oil Pump	: 10	L
Engine Cooling System	: 16	L
Fuel Tank	: 140	L
Hydraulic Oil Tank	: 70	L
Transmission Oil	: 16	L
Front Axle Differential	: 14	L
Front Axle Hub Reducers	: 1,7 x 2	L
Rear Axle Differential	: 16	L
Ad Blue	: 15	L

OPERATING WEIGHT

Operating weight (with standard equipment)	: 9.580 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.

HMK 102s SUPRA



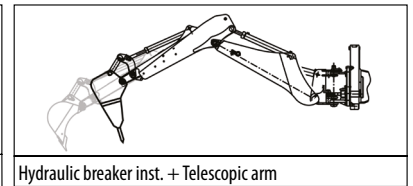
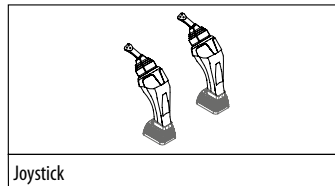
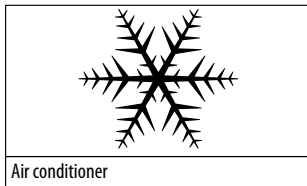
LOADER PERFORMANCE

6 in 1 bucket capacity	1,2 m ³
Max. bucket breakout force	8270 kgf
Max. loading arm breakout force	7427 kgf
Lifting capacity to maximum height	3687 kg

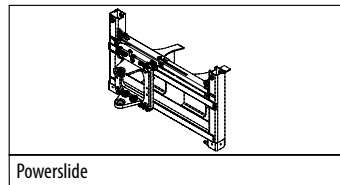
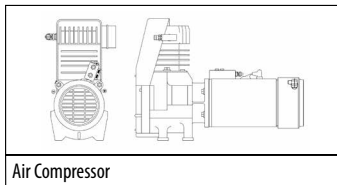
BACKHOE PERFORMANCE

	Telescopic Arm (extended)	Telescopic Arm (retracted)
Bucket capacity	0,18 m ³	0,18 m ³
Max. bucket breakout force	7021 kgf	7021 kgf
Max. dipper breakout force	2231 kgf	3161 kgf

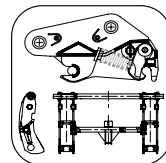
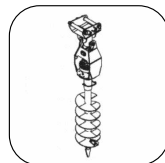
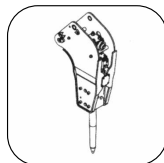
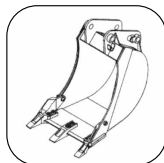
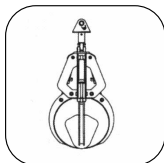
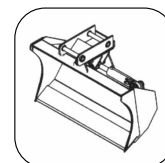
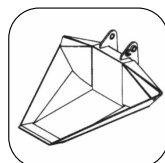
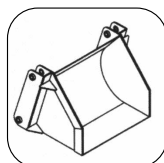
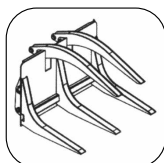
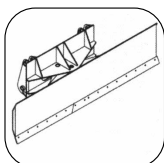
Standart Accessories



Optional Accessories



Optional Attachments



HIDROMEK

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ACCESSORIES