HIDROMEK®

HMK 102S SUPRA BACKHOE LOADER

K4 SERIES

NOTE: This picture belongs to a machine Stage V engine. The exterior design of the machine with stage 3A engine is different than this.

NEW!

ENGINE

Brand, Model	Perkins, 1104D-44TA
Number of cylinders	4
Max. Power	100 HP (74,5 Kw) @2200 rpm
Max. Torque	410 Nm @1400 rpm
Displacement	4.400 cc
Bore & Stroke	ø 105 x 127 mm
Emission Class	Stage IIIA / Tier 3 (EU/EPA)

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

TIRES

Front / Rear	16,9 - 28 14 Ply Rating

CAB&HOOD

- Widened visual angle
- Ergonomic & Aesthetic Interior Design
- High capacity A/C system (option)
- Improved ventilating with 17 air nozzles
- Cool-box
- ROPS and FOPS certificated cab
- 4.3" TFT display on front and 7" on rear side dsiplay
- Pool type floor mats
- Seat Mounted Controls improve Operator Comfort & Ergonomics
- Seat entegreted opera control button
- TIPSHIFT (FNR) function
- RTD (Return to dig)
- Multi purpose bucket with proposal control
- Autotilt steering wheel
- Loader boom lock
- Double brake sytstem
- Storage boxes
- Foldable side steps
- Phone and cup holder
- Interior led lights
- MP3 radio
- Bluetooth
- USB charging ports
- Openable cooling package
- Smartlink
- Air suspension seat
- Mechanical forklift attachment
- LED working ligths
- LED step ligths
- ISO patternshifter

HYDRAULIC SYSTEM

Closed type hydraulic system with variable displacement piston type pump, renewable flowsharing and valves with regeneration

Main pump flow	163 L/min @2200 rpm
Pressure	255 bar

DRIVING SPEED

1st gear	4	km/h
2nd gear	7	km/h
3rd gear	9	km/h
4th gear	15	km/h
5th gear	24	km/h
6th gear	40	km/h

AXLES

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

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 with Lock-Up
- Transmission oil cooler
- A neutral circuit allows starting only when the control lever is in neutral position for safety.

FILLING CAPACITIES

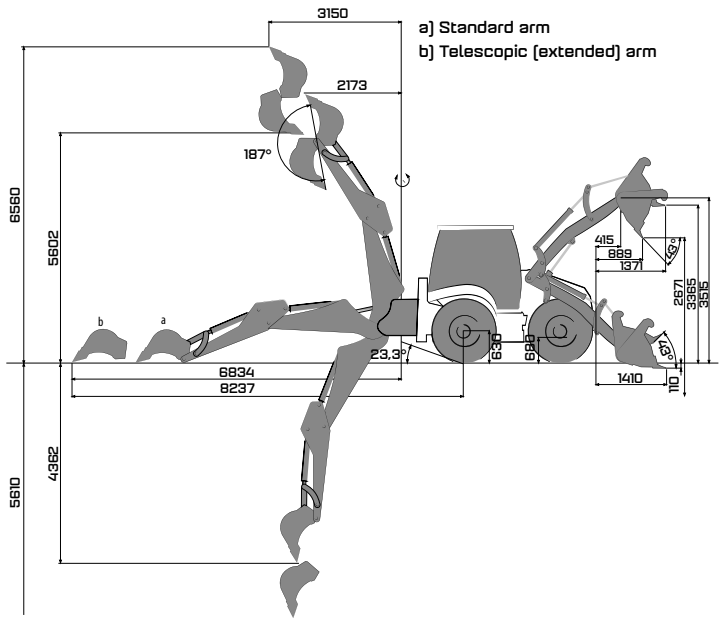
Engine oil pump	8	L
Engine cooling system	18,5	L
Fuel Tank	140	L
Hydarulic oil tank	70	L
Transmission oil	16	L

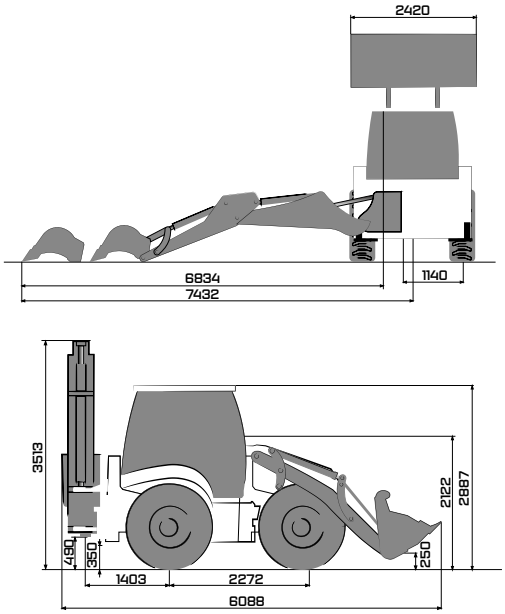
OPERATING WEIGHT

Operating weight with standard equipment : 9.650 kg

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 K4





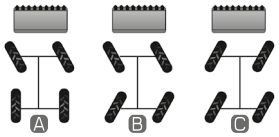
LOADER PERFORMANCE

6 in 1 bucket capacity	1.2 m³
Max. bucket breakout force	7380 kgf
Max. loading arm breakout force	7380 kgf
Hydraulic lifting capacity at maximum height	3660 kg

BACKHOE PERFORMANCE

	Standard arm	Telescopic arm extended	Telescopic arm retracted
Bucket capacity		0.18 m³	
Max. bucket breakout force	6865 kgf	7020 kgf	7020 kgf
Max. arm breakout force	3290 kgf	2230 kgf	3160 kgf

STANDARD ACCESSORIES

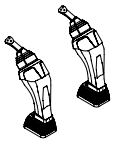


Electrical controlled 3 different steering modes

OPTIONAL ACCESSORIES

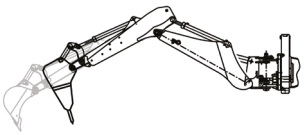
Air conditioner

MSS (Motion Stabilizer System)

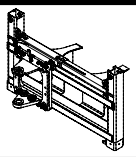


Seat mounted joystick

OPTIONAL ACCESSORIES



Hydraulic breaker inst. + Telescopic arm



Powerslide

OPTIONAL ATTACHMENTS

Snow blade

Timber grab

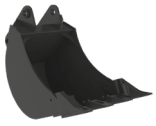
General purpose bucket

Trapezoidal ditch bucket

Ripper

Tilting bucket

Clamshell grab



Backhoe bucket of different sizes

Hydraulic breaker

Fork arms with quick coupler

Fork arms, for quick couple mechanism

ENG - FEBRUARY 2026 - 3A

HIDROMEK®

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Notice:
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