



ALPHA GREENTEC

ENGINE

Make	: PERKINS
Type	: 854F-E34TA Diesel Engine
Number of Cylinders	: 4 in line
Bore & Stroke	: ø 90 x 110 mm
Displacement	: 3,4 L
Maximum Power	: 55 kW @2200 rpm
Maximum Torque	: 424 Nm @1200 rpm
High power and torque output, water cooled turbocharged diesel engine.	
European EU Stage 3B 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 option available)
- 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)

TIRES

Front	: 16/70 - 20 12 Ply Rating
Rear	: 16,9 - 28 14 Ply Rating

CAB & HOOD

- Widened visual angle
- Ergonomic & Aesthetic Interior Design
- 3" LCD displays on both front and side panels
- High capacity A/C system
- Improved ventilating with 15 air nozzles
- ROPS and FOPS certificated cab
- Multi-functional seat
- TIPSHIFT front loader joystick
- Pool type floor mats
- Removable lids
- Cooling-box
- Storage boxes for operator
- Foldable side steps

HYDRAULIC SYSTEM

Simple, reliable and high-efficient tandem gear pump	
Main Pump Flow	: 91,5 L/min @2200 rpm
Pressure	: 227 bar
Auxiliary Pump Flow	: 58,7 L/min @2200 rpm
Pressure	: 170 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



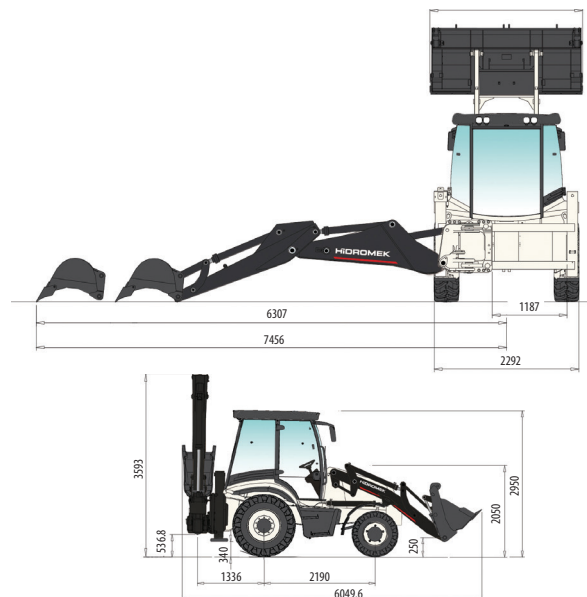
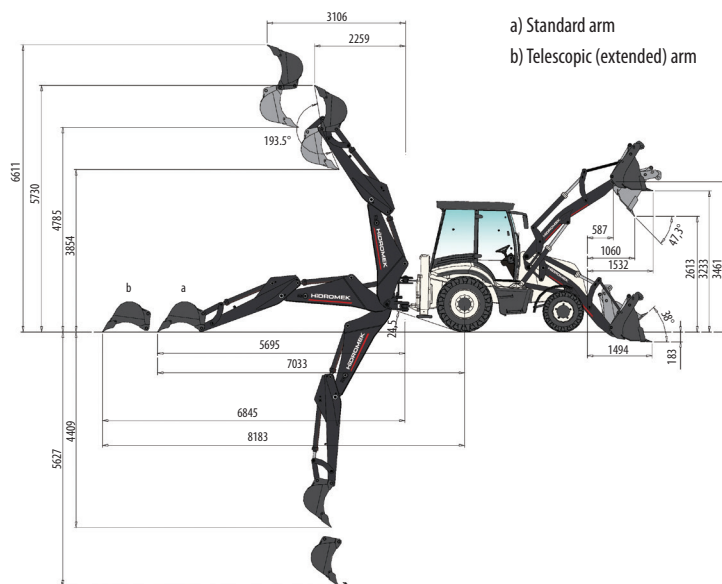
FILLING CAPACITIES

Fuel Tank	: 140 L
Hydraulic Oil Tank	: 70 L

OPERATING WEIGHT

Operating weight (with standard equipment)	: 8.975 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.



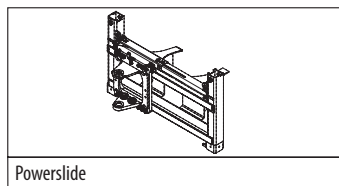
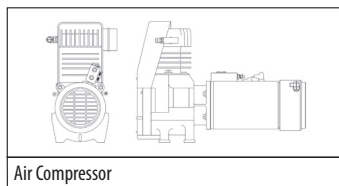
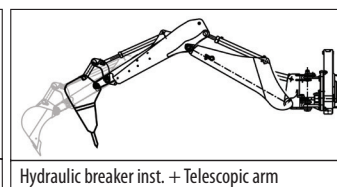
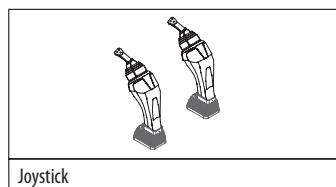
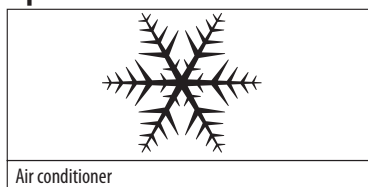
LOADER PERFORMANCE

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

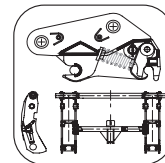
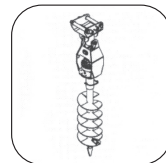
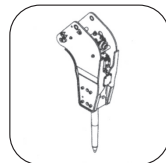
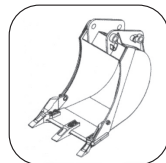
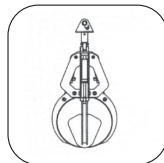
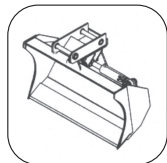
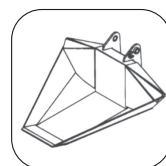
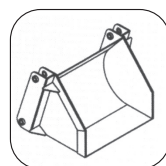
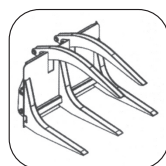
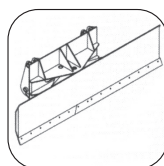
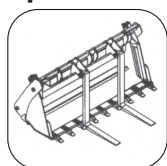
BACKHOE PERFORMANCE

	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

Optional Accessories



Optional Attachments



HIDROMEK®

FACTORY - HEAD OFFICE

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Notice:
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