

Kaiser. Performance counts.



NEW
THE POWER PACK
IN THE 10-TONNE
CLASS



S8
ALLROAD

**KAISER MOBILE
WALKING EXCAVATOR**

PERFORMANCE DATA COMPARISON

-29% weight

S12 Allroad	15,100 kg
S8 Allroad	10,800 kg
S3	13,800 kg

29% less weight than the S12 Allroad in comparable configuration

+11% hydraulic power

S12 Allroad	92 kW
S8 Allroad	70 kW
S2	63 kW

11% more hydraulic power compared with the S2

+56% with ROToline

S12 Allroad	570 L
S8 Allroad	451 L
S2	290 L

56% higher pump flow rate in comparison with the S2

Engine power

S12 Allroad	140 kW
S8 Allroad	100 kW
S2 / S3	106 kW

S8 ALLROAD

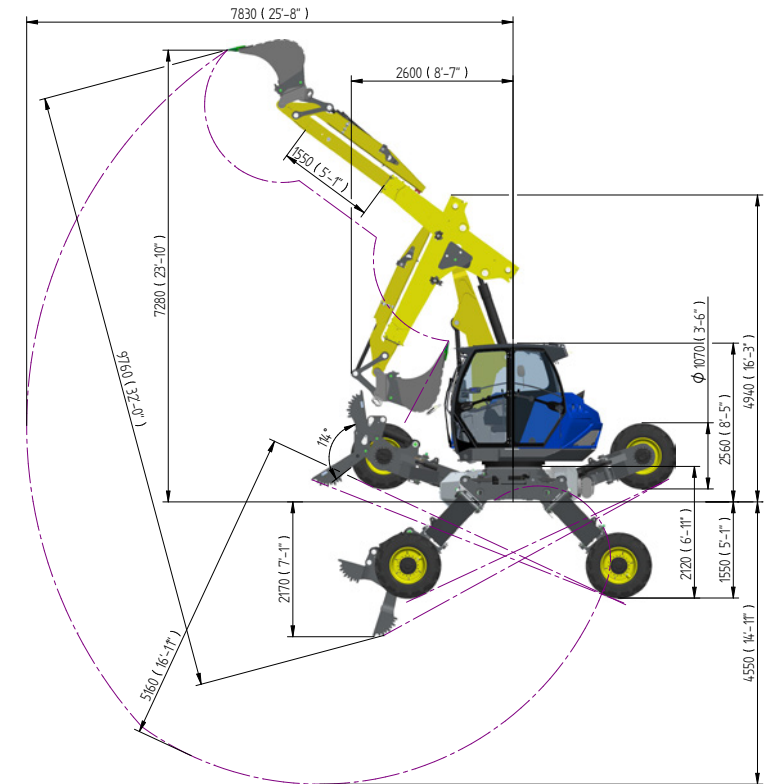
THE «POWER PACK» IN THE 10 T CLASS

The definition of a new performance class for mobile walking excavators: strong, agile and manoeuvrable.

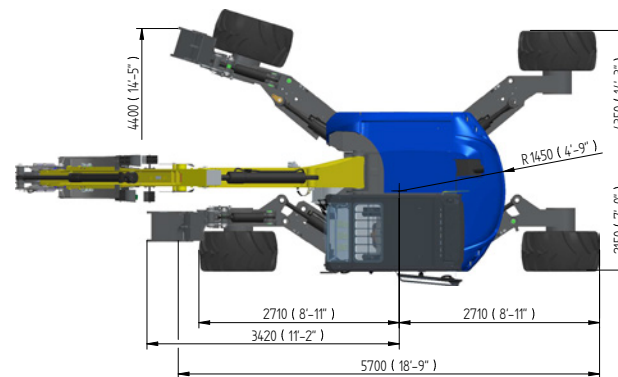
With its maximum adjustment capabilities, the undercarriage ensures the proven high stability that is the hallmark of all KAISER mobile walking excavators. Completely new in this weight class is the optional ROToline.

The technology of the S8 Allroad is based on the latest generation of the S12 and perfectly rounds off the KAISER range of models. New models are the S8 Telefuss, S8 Allroad, S8 Gator, S10 and the S12 Allroad – the S2 models remain available for the Asian markets.

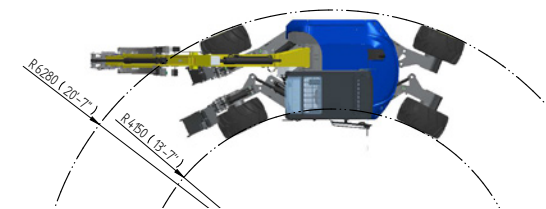
Digging envelope S8 Allroad



Undercarriage S8 Allroad



Turning radius S8 Allroad



TECHNICAL SPECIFICATIONS S8

Engine

Perkins 904J-E36TA	Emissions Max. power Torque	EU2016/1628 Stage V; US EPA Tier4 Final 100 kW / 136 hp @ 2200 rpm 550 Nm @ 1500 rpm
Perkins 904D-E44TA	Emissions Max. power Torque	EU97/68 Stage IIIA; US EPA Tier3 90 kW / 122 hp @ 2200 rpm 500 Nm @ 1500 rpm
Voltage	24 VDC	
Displacement	3620 ccm	
Service interval	500 operating hours	
Diesel tank capacity (fuel tank / reserve tank)	310 l (150 l / 160 l)	

Cab

Cab	ROPS ISO3471 / FOPS ISO3449 level 2 approved safety cab, upper windscreen assisted, integrated working light	
Driver seat	Air-suspended comfort seat with lap belt GRAMMER air-suspended super comfort seat with headrest (option) Four-point safety belts (option)	
Air-conditioning	Central operating element for heating and air-conditioning (option)	
Control	Joysticks on control carriers at seat	
Camera	Rear and side view camera	

Performance data

Lifting capacity	3 m	7700 kg
	4 m	5300 kg
	6 m	3100 kg
Breakout force (ISO6015)	90 kN	
Ripping force (ISO6015)	67 kN	
Wading depth	2.15 m	
Travel speed	Two-speed, 0-13 km/h, Dependent on model and tyre size	
Weight		
S8	from 9,800 kg	
S8 Allroad	from 10,200 kg	
S8 Gator	from 10,000 kg	

Hydraulics

Flow rate, working pump	max. 286 l/min	330 bar
Flow rate, drive pump	max. 156 l/min	400 bar
Flow rate, fan pump	max. 48 l/min	200 bar
Hydraulic system	Three-circuit LS / LUDV load-independent flow-sharing system, option of four-circuit system (ROTOline)	
Hydraulic system capacity	Approx. 250 l	
Pump control	Bosch Rexroth LUDV system with electronic power limiting controller, pressure cut-off	
Mode selection	Three individually adjustable performance modes and driver profiles for efficient and environmentally friendly working	
Speed setting	Stepless adjustment of setting over the entire speed range	
Filters	Return filter 10µm	
	Fine filter 1µm	
Cooling system	3-circuit cooling system, coolers arranged one above the other with reversible fan drive for cleaning Stepless, hydraulically driven fan	
Cylinders	With joint bearings	
	Lift and dipper cylinder with pipe fracture safety valve (ISO8643) Undercarriage cylinder with pilot-controlled check valves	
Circuit I	max. 150 l/min	120-330 bar
Circuit II	max. 40 l/min	
Circuit III (option)	max. 80 l/min	
ROTOline (option)	max. 165 l/min	100-350 bar
Quick coupler circuit		
Rope winch circuit (option)	max. 100 l/min	330 bar
Return		
Leakage oil line (option)		

Swing system

Drive	Torque control in open circuit, axial piston motor with reduction gear and integrated spring applied brake	
Slewing speed	0 – 9 rpm, stepless	
Slewing torque	46,000 Nm	
Slewing ring	Module 8 with hardened surfaces	
Brake	Negative holding brake	