Mini Excavators

RH 1.17 / RH 1.21 / RH 1.29 / RH 1.35 / RH 1.48

O&K

O&K's new minis.

The big dig from the quality

quintet.

"O&K's new minis are real 'workhorses.' Strong, very rugged, and built to take grueling punishment. Their horsepower is unbridled. And they don't mind a change in operator again and again. On these typical mini excavator jobs you have to step in and help out on all kinds of work. What particularly impressed me was their solid workmanship. I know that even after many years, they won't be causing any problems."

O&K's newcomers include mini excavators of 1.63 to 4.68 t with all-important assets such as rugged engineering and on-site productivity.

Their cost efficiency is the outcome of extended availability. The minis are built strong and designed for reliability in every respect.

They are remarkable for their exceptional cost/benefit ratio while their ultramodern engineering allows outstanding productivity potential. The comfortable cabs offer an unstressed working environment and the service-friendly design reduces maintenance to a minimum. All in all, ideal preconditions for round-the-clock operation and exceptional profitability.

From 1.63 to 4.68 t

Minimum costs and

DIN EN ISO 9001

Conformity to EC Machinery Directive

RH 1.17

A powerful diesel with a well-balanced output/weight ratio of 90 kg/hp ensures fast work cycles and low consumption. The hydrodynamic powertrain easily negotiates grades of 60 percent. The machine can be matched to a variety of job conditions with the hydraulically adjustable undercarriage (optional).

RH 1.21

Built into this model are all the proven features of the O&K minis. Compared with the RH 1.17, the RH 1.21 has upgraded specifications. Its twin-piston variable displacement pump delivers faster working speeds as demonstrated in 9% added breakout force and 4% extra crowd force. A larger counterweight and the adjustable undercarriage (standard) allow higher lift capacities. Another extra benefit: travel speed is now up to 4.1 km/h.

	Service weight t rubber tracks / steel tracks	Engine output ISO 9249 kW	Bucket capacities SAE l
RH 1.17	1.63/1.70	13.3	22 – 72
RH 1.21	1.90/2.00	13.3	22 – 85
RH 1.29	2.85/2.94	20.5	32 – 110
RH 1.35	3.50/3.62	26.5	58 – 181
RH 1.48	4.68/4.96	34.6	75 – 245

maximum performance

RH 1.29

This 2.85 t excavator is powered by a strong 20.5 kW engine remarkable for its refinement. As on all O&K minis, the lift cylinder is back mounted to protect against damage at very low digging depths or during loading work. The end-of-stroke damper in the lift, stick and offset cylinders ensures smooth, flowing functions on all minis, reduced material stress and less wear.

RH 1.35

The 26.5 kW on this fuel-efficient diesel is translated into powerful work cycles. The two-stage transmission (standard starting from the RH 1.29) enables travel speeds of up to 4.2 km/h. As on all O&K minis, the spacious panoramic cab provides a stress-free environment. All the controls are ergonomically positioned. A breaker/grab hydraulic circuit is standard on all the minis.

RH 1.48

The maximized mini. Weighing in at 4.68 t, the RH 1.48 rounds off the top end of the range. Two travel speeds and a maximum of 5.2 km/h boost versatility. A tight tail radius of only 1.47 m allows the unit to work on road jobs without obstructing oncoming traffic. An offset angle of up to 75° (standard) permits the machine to dig at full depth across its entire width, without having to reposition.

Small excavators

Easy either-side in / out.

Stress-free cab with either-side in / out

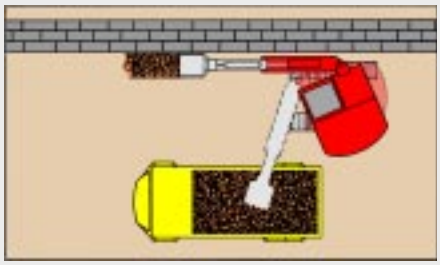
The cab on the O&K minis has space to spare. Doors on either side allow easy access / exit while keeping the inside well ventilated. The deluxe seat (hydraulic suspension optional) can be adjusted longitudinally and for back angle as well as to the weight of the operator. Outstanding visibility ensures the highest standard of safety. Large panoramic windows and the offset mounting provide excellent visibility across the entire working area.

The split front window slides easily under the roof under hot conditions. Head room is outstanding.

Plenty of space, down below, too.

Servo-assisted dual-lever joystick control for all the working functions.

engineered to the standards of the big



Offset to reach the furthest corner

The offset boom allows the bucket to be repositioned in both directions. With an angle of 60° either side (on the RH 1.48, as much as 75°/55°), these O&K mini excavators are in their element alongside walls, hedges or embankments. The hoses are neatly routed, an advantage that spells durability.

The internally geared turntable easily absorbs forces and transmits them to the undercarriage.

A firm footing

The undercarriages on these minis are oversized and rugged to cater for the enormous forces. Standard wide rubber tracks deliver optimum tractive force without damaging pavement surfaces. Steel tracks are optional. Track replacement is quick and easy.

The dozer blade improves stability. The hydraulic forces are, of course, sufficient to raise the machine from the ground.

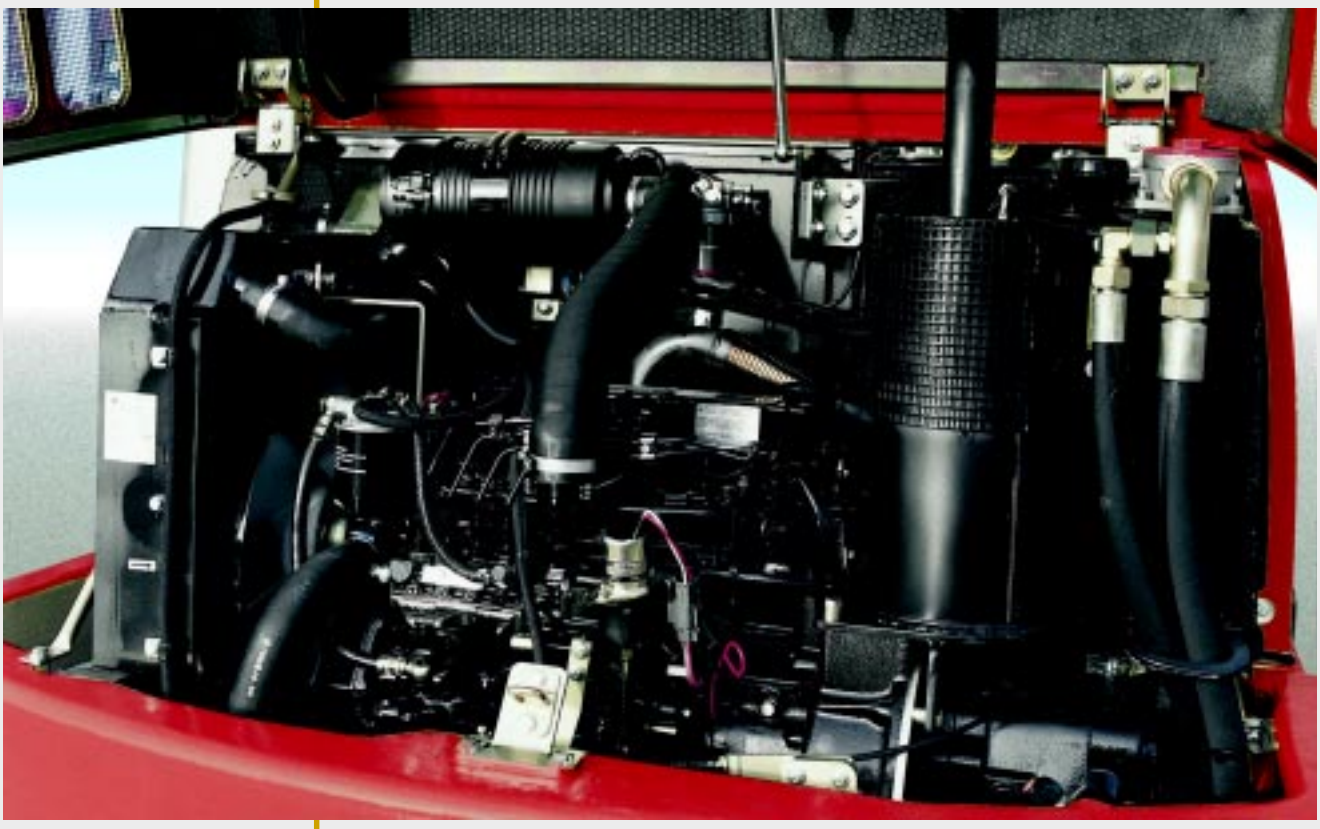
Final drive and gear units safely protected against damage. The covers remove easily.

Power to spare

Easy refueling and battery check from the ground.

Ample engine power: fuel efficient and clean

The water-cooled engines are a model of refinement, powerful and yet fuel efficient, with ample lugging capacity and flexible in response. Emissions are low. The exhaust system is routed so that people working close to the machine are unaffected.



Strong and silent, the engines on the O&K mini excavators.

"I was very impressed how easy it is to service the O&K minis. This means low costs with very little downtime, and not having to continuously bother about the machines, it means being able to carry on with the job in hand."

Low maintenance costs.

Service-friendly design speeds up maintenance work.

Taking the hassle out of maintenance

These minis are a model of serviceability, with excellent access to all the key components which, such as the transverse-mounted diesel engine, hydraulic units and filters, are reached under the wide opening engine hood. The time savings are daily and durable, spelling extended availability.

Neatly routed lines, flanged fittings on all the high-pressure lines.

Wide-opening engine hood for instant access.

Rapid replacement

A broad range of attachments improves versatility and profitability. The patented mechanical quick-hitch (optional) enables rapid attachment replacement: from backhoe to backhoe with ejector, to trench bucket, to grab, to power breaker …

Additional assets: the grab/breaker hydraulic circuit is standard. Moreover, the quick hitch may be combined with a mechanical ejector.

For breaker operations, no additional oil cooler is required.

Adjustable undercarriage on the RH 1.17 and 1.21

The adjustable undercarriage allows the crawler width to be extended from 990 mm to 1,340 mm. This enables the unit to work inside buildings with narrow doors as well as on difficult terrain as stability is greatly improved and lateral lift capacity boosted by up to 35 percent. With such a firm footing, these mini excavators have unbeatable tipping loads for their capacities.

Specifications

Engine

	RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
Make	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi	Mitsubishi.
Engine output ISO 9249	13.3 kW/2400 RPM	13.3 kW/2400 RPM	20.5 kW/2200 RPM	26.5 kW/2400 RPM	34.6 kW/2200 RPM
Cooling system	Water	Water	Water	Water	Water
Cylinders / displacement	3/952 cm^3	3/952 cm^3	4/1500 cm^3	4/1758 cm^3	4/2505 cm^3
Fuel tank	31 l	30 l	52 l	52 l	60 l
Voltage system	12 V	12 V	12 V	12 V	12 V
Battery	12 V / 72 Ah	12 V / 72 Ah	12 V/72 Ah	12 V/72 Ah	12 V/72 Ah
Alternator	12 V / 40 A	12 V / 40 A	12 V / 50 A	12 V / 50 A	12 V / 50 A
Starter	1.6 kW / 12 V	1.6 kW / 12 V	2 kW / 12 V	2 kW / 12 V	2 kW / 12 V
Exhaust emissions	(COM 1)	(COM 1)	(COM 1)	(COM 1)	(COM 1)

Powertrain

Hydrostatic with axial-piston motor and speed reducer • Fully encapsulated • Brake valve for downhill travel

		RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
Maximum travel speed Forward / Reverse	**1st stage**	0 - 2.2 km/h	0 - 2.2 km/h	0 - 2.4 km/h	0 - 2.4 km/h	0 - 2.9 km/h
	2nd stage	0 - 3.0 km/h*	0 - 4.1 km/h	0 - 4.3 km/h	0 - 4.2 km/h	0 - 5.2 km/h
Climbing ability		60%	60%	60%	60%	60%
Tractive power		1160 daN	1500 daN	2800 daN	3000 daN	4200 daN

* Option

Undercarriage

Maintenance-free crawlers • Idler spring with hydraulic track tensioning • RH 1.17 optionally with hydraulic width adjustment, with switchover lever and blade operation from the cab, adjustment range, outside edge 990 – 1340 mm.

	RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
Weight, steel tracks	+ 70 kg	+ 70 kg	+ 90 kg	+ 120 kg	+ 270 kg
Specific ground pressure (rubber tracks)	0.25 daN/cm^2	0.30 daN/cm^2	0.27 daN/cm^2	0.31 daN/cm^2	0.26 daN/cm^2
Specific ground pressure (steel tracks)	0.26 daN/cm^2	0.31 daN/cm^2	0.28 daN/cm^2	0.32 daN/cm^2	0.27 daN/cm^2

Clearance blade

Independent of drive, precision control with hand lever, starting from RH 1.29 + RH 1.35 long version optional

	RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
Slope angle	25°	25°	22°/28°*	22,5°/31°*	35°
Slope compensation			9°/8°	9.7°/ 7.7°*	7.6°

* Option: longer clearance blade

Slewing gear

Hydrostatic drive, also functioning as low-wear brake • Turntable with internal gearing • Starting from RH 1.29: additional recoil spring multidisc brake acting automatically with slewing lever in neutral.

	RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
Slewing speed	0 – 8 RPM	0 - 9.5 RPM	0 – 10 RPM	0 – 9.5 RPM	0 – 9.3 RPM

Noise emissions According to EEC test

	RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
Noise level, LwA	93 dB(A)	94 dB(A)	96 dB(A)	98 dB(A)	99 dB(A)
Noise pressure LpA (operator's ear)	79 dB(A)	79 dB(A)	81 dB(A)	83 dB(A)	75 dB(A)

Hydraulics

RH 1.17: 3-fold gear-type pump for all the working functions and travel
RH 1.21 – RH 1.48: Output-controlled twin-piston variable flow pump for all the working functions and travel • 1 gear-type pump for slewing and clearance blade (RH 1.29 – RH 1.48: 1 pump for servo control pressure)
All models: 3 functions simultaneously • All functions with proportional activation • Servo excavator operation with twin-lever joystick control • Block hydraulic oil cooler standard • Return line filter with electric contamination indicator • Boom, stick and offset cylinders with end-of-stroke damper at both ends

	RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
Operating pressure	165 bar	180 bar	190 bar	250 bar	245 bar
Stick	190 bar	210 bar	210 bar	250 bar	245 bar
Pump output	19.2 + 19.2 + 13.2 l/min	21.6 + 21.6 + 15.4 l/min	38 + 38 + 27 + 8 l/min	43 + 43 + 28.5 + 8.5 l/min	57 + 57 + 37 + 10 l/min
Breakout force (DIN 24086)	13,300 N	14,500 N	18,000 N	22,000 N	30,600 N
Ripping force (DIN 24086)	9,300 N	9,700 N	13,600 N	16,200 N	24,600 N
Hydraulic capacity	35 l	35 l	85 l	91 l	102 l

Additional valve section for working tools standard

	RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
Operating pressure					
Hydraulic breaker	max. 155 bar	max. 150 bar	max. 155 bar	max. 210 bar	max. 210 bar
Concrete breaker	max. 190 bar	max. 180 bar			
Pump output					
Hydraulic breaker	32.4 l/min	37 l/min	38 l/min	43 l/min	57 l/min
Concrete breaker	13.2 l/min	16 l/min			

Steering

Independent crawler control, contra-rotating facility with 2-circuit hydraulics • Hand lever/pedal for precision controllability • Footrest

Offsetting

Parallel offsetting with full digging depth

	RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
Offsetting to the right	60°/510 mm	60°/550 mm	60°/595 mm	60°/595 mm	75°/705 mm
Offsetting to the left	60°/370 mm	60°/420 mm	60°/445 mm	60°/445 mm	55°/515 mm

Standard/optional equipment

All models: High-visibility steel cab with front spotlight, breaker/grab hydraulics, direct mounting, standard seat, rigid undercarriage, (RH 1.21: Hydr. crawler adjustment), rubber tracks, standard clearance blade

RH 1.17: 1600 mm monoboom, 1100 mm stick
RH 1.21: 1600 mm monoboom, 1100 mm stick
RH 1.29: 2050 mm monoboom, 1350 mm stick
RH 1.35: 2450 mm monoboom, 1600 mm stick
RH 1.48: 2650 mm monoboom, 1650 mm stick

Optional
All models: Overhead guard with front spotlight (instead of cab) • Mechanical quick hitch • FOPS • Special UNI-RAL paint, cab in standard white • Special UNI-RAL paint incl. cab • Radio fittings (w/o radio) • Immobilizer • Additional boom-mounted spotlight • Beacon • Bio oil vent, Panolin • Comfort seat

RH 1.17: 230 mm steel tracks • Hydr. crawler adjustment • Boom with extended 1300 mm stick • Fast gear ratio 0-3 km/h • Crane spreader • Rear guard
RH 1.29: 300 mm steel tracks • Crane gear with spreader bar • Extended front-mounted clearance blade
RH 1.35: 300 mm steel tracks • Anti-burst device for boom/stick • Crane gear with spreader bar • Extended front-mounted clearance blade
RH 1.48: 400 mm steel tracks • Anti-burst device for boom/stick • Crane gear with spreader bar

Lift capacities

The capacities quoted were determined according to ISO 10567 and include a stability factor of 1.33 or 87% of the hydraulic lift capacity.

The capacities include quick-hitch but no bucket. With mounted attachment, attachment weight must be deducted from the permissible lift capacity.

A = Supported by stabilizer blade
V = Adjustable undercarriage

RH 1.17 Rubber tracks, 1100 mm stick

Adjustable undercarriage in extended mode									Load distance from mid-turntable
Bucket pivot height		1.5 m		2.0 m		2.5 m		3.0 m	
		Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.
2 m	**A**	–	–	0.56	0.47	0.54	0.38	–	–
	V	–	–	0.38	0.46	0.34	0.37	–	–
1 m	**A**	0.89	0.79	0.70	0.50	0.56	0.37	0.47	0.28
	V	0.54	0.77	0.38	0.49	0.28	0.36	0.19	0.27
0 m	**A**	0.92	0.71	0.64	0.47	0.44	0.35	0.31	0.32
	V	0.59	0.69	0.34	0.46	0.23	0.34	0.18	0.31
- 0.75 m	**A**	0.64	0.61	0.46	0.46	0.33	0.33	0.22	0.22
	V	0.50	0.61	0.29	0.46	0.23	0.33	0.17	0.22
Rigid undercarriage / retraction mode									
2 m	**A**	–	–	0.56	0.37	0.54	0.29	–	–
	V	–	–	0.38	0.32	0.34	0.24	–	–
1 m	**A**	0.89	0.69	0.70	0.39	0.56	0.27	0.47	0.21
	V	0.54	0.60	0.38	0.32	0.28	0.23	0.19	0.17
0 m	**A**	0.92	0.49	0.64	0.33	0.44	0.25	0.31	0.20
	V	0.59	0.41	0.34	0.28	0.23	0.21	0.18	0.16
- 0.75 m	**A**	0.64	0.42	0.46	0.31	0.33	0.24	0.22	0.19
	V	0.50	0.37	0.29	0.27	0.23	0.20	0.17	0.15

RH 1.17 Rubber tracks, 1300 mm stick

Adjustable undercarriage in extended mode									Load distance from mid-turntable
Bucket pivot height		1.5 m		2.0 m		2.5 m		3.0 m	
		Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.
2 m	**A**	–	–	–	–	0.45	0.46	0.42	0.32
	V	–	–	–	–	0.30	0.45	0.21	0.30
1 m	**A**	–	–	0.64	0.61	0.40	0.39	0.46	0.30
	V	–	–	0.40	0.61	0.28	0.39	0.23	0.30
0 m	**A**	1.01	0.78	0.61	0.53	0.44	0.37	0.32	0.29
	V	0.58	0.75	0.36	0.50	0.29	0.37	0.21	0.29
- 0.75 m	**A**	0.68	0.77	0.49	0.51	0.35	0.37	0.25	0.30
	V	0.50	0.74	0.35	0.52	0.29	0.37	0.20	0.27
Rigid undercarriage / retraction mode									
2 m	**A**	–	–	–	–	0.45	0.29	0.42	0.23
	V	–	–	–	–	0.30	0.27	0.21	0.20
1 m	**A**	–	–	0.64	0.44	0.40	0.28	0.46	0.21
	V	–	–	0.40	0.36	0.28	0.26	0.23	0.19
0 m	**A**	1.01	0.53	0.61	0.36	0.44	0.27	0.32	0.22
	V	0.58	0.45	0.36	0.32	0.26	0.24	0.21	0.19
- 0.75 m	**A**	0.68	0.50	0.49	0.34	0.35	0.25	0.25	0.21
	V	0.50	0.47	0.35	0.30	0.29	0.23	0.20	0.18

RH 1.21 Rubber tracks, 1300 mm stick

Adjustable undercarriage in extended mode										Load distance from mid-turntable	
Bucket pivot height		1.5 m		2.0 m		2.5 m		3.0 m		3.5 m	
		Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.
2 m	A	–	–	–	–	0.46	0.45	0.38	0.35	–	–
	V	–	–	–	–	0.36	0.38	0.30	0.32	–	–
1 m	A	–	–	0.66	0.52	0.44	0.44	0.38	0.36	0.31	0.30
	V	–	–	0.41	0.48	0.36	0.38	0.27	0.29	0.22	0.25
0 m	A	–	–	0.74	0.58	0.52	0.43	0.39	0.33	0.28	0.28
	V	–	–	0.49	0.49	0.38	0.40	0.29	0.31	0.19	0.22
- 1 m	A	1.00	1.00	0.64	0.64	0.42	0.42	0.30	0.30	–	–
	V	0.74	0.74	0.47	0.47	0.40	0.40	0.30	0.30	–	–
Retraction mode											
2 m	A	–	–	–	–	0.46	0.32	0.38	0.25	–	–
	V	–	–	–	–	0.36	0.31	0.30	0.24	–	–
1 m	A	–	–	0.66	0.44	0.44	0.31	0.38	0.24	0.31	0.19
	V	–	–	0.41	0.43	0.36	0.30	0.27	0.23	0.22	0.18
0 m	A	–	–	0.74	0.40	0.52	0.29	0.39	0.23	0.28	0.18
	V	–	–	0.49	0.38	0.38	0.27	0.29	0.21	0.19	0.17
- 1 m	A	1.00	0.56	0.64	0.39	0.42	0.29	0.30	0.23	–	–
	V	0.74	0.53	0.47	0.37	0.40	0.27	0.30	0.21	–	–

RH 1.29 Rubber tracks

										Load distance from mid-turntable	
Bucket pivot height		2.0 m		2.5 m		3.0 m		3.5 m		4.0 m	
		Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.
2 m	A	–	–	0.83	0.68	0.78	0.54	0.66	0.39	–	–
	V	–	–	0.68	0.66	0.53	0.53	0.38	0.38	–	–
1 m	A	1.41	0.94	1.04	0.67	0.91	0.51	0.77	0.38	0.54	0.32
	V	0.85	0.93	0.67	0.66	0.45	0.49	0.36	0.37	0.30	0.31
0 m	A	1.35	0.81	0.98	0.58	0.75	0.48	0.62	0.37	0.52	0.32
	V	0.76	0.78	0.56	0.57	0.45	0.46	0.35	0.36	0.29	0.30
- 1 m	A	1.04	0.88	0.85	0.52	0.68	0.46	0.45	0.37	–	–
	V	0.75	0.82	0.50	0.51	0.43	0.45	0.35	0.36	–	–

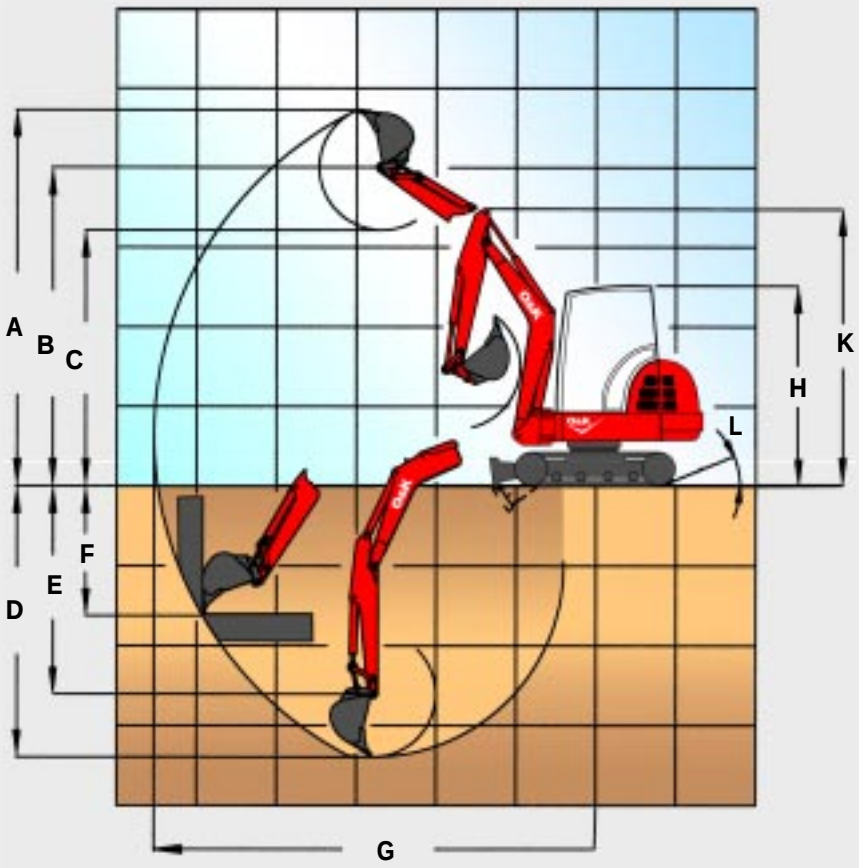
RH 1.35 Rubber tracks

												Load distance from mid-turntable	
Bucket pivot height		2.0 m		2.5 m		3.0 m		3.5 m		4.0 m		4.5 m	
		Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.
2 m	A	–	–	1.10	1.07	1.03	0.82	0.98	0.63	0.91	0.51	0.82	0.42
	V	–	–	1.07	1.00	0.95	0.78	0.62	0.60	0.55	0.49	0.42	0.39
1 m	A	2.53	1.35	1.86	0.98	1.39	0.76	1.15	0.60	0.96	0.48	0.83	0.40
	V	1.45	1.27	1.01	0.93	0.79	0.72	0.59	0.57	0.48	0.46	0.40	0.38
0 m	A	2.00	1.11	1.90	0.90	1.44	0.71	1.14	0.57	0.93	0.47	0.76	0.39
	V	1.15	1.07	0.90	0.84	0.71	0.67	0.56	0.54	0.49	0.44	0.41	0.38
- 1 m	A	1.25	1.20	1.44	0.82	1.18	0.65	1.04	0.54	0.81	0.47	–	–
	V	1.08	1.05	0.81	0.77	0.59	0.61	0.57	0.52	0.51	0.43	–	–

RH 1.48 Rubber tracks

												Load distance from mid-turntable	
Bucket pivot height		2.5 m		3.0 m		3.5 m		4.0 m		4.5 m		5.0 m	
		Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.	Longit.	Transv.
3 m	A	–	–	–	–	1.26	0.95	1.26	0.75	1.20	0.62	–	–
	V	–	–	–	–	0.80	0.92	0.59	0.73	0.51	0.59	–	–
2 m	A	1.90	1.78	1.71	1.14	1.51	0.92	1.36	0.71	1.21	0.62	1.08	0.51
	V	0.94	1.47	0.91	1.11	0.68	0.87	0.62	0.68	0.56	0.59	0.45	0.50
1 m	A	3.07	1.35	2.27	1.08	1.80	0.86	1.50	0.71	1.27	0.58	1.10	0.52
	V	1.28	1.32	0.96	1.04	0.72	0.83	0.63	0.68	0.50	0.56	0.46	0.51
0 m	A	2.75	1.31	2.14	0.98	1.73	0.80	1.45	0.67	1.24	0.56	0.94	0.51
	V	1.05	1.25	0.82	0.95	0.64	0.77	0.59	0.65	0.54	0.54	0.42	0.50
- 1 m	A	2.14	1.31	1.87	1.04	1.51	0.80	1.21	0.65	1.01	0.57	–	–
	V	1.02	1.28	0.75	0.98	0.60	0.78	0.52	0.64	0.45	0.54	–	–

Digging arcs



Dimensions in mm

		RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
A		3350/3460*	3350/3460*	4065	4730	5220
B		2830/2960*	2830/2960*	3475	4005	4460
C		2300/2430*	2300/2430*	2835	3215	3600
D		2200/2400*	2200/2400*	2760	3400	3700
E		1670/1870*	1670/1870*	2120	2610	2840
F		1060/1220*	1060/1220*	1500	1620	1880
G		3900/4085*	3900/4085*	4805	5535	6020
H		2290	2290	2480	2520	2610
K		2390	2390	3000	3480	3890
L		25°	25°	22°	22°	35°

*1300 mm stick

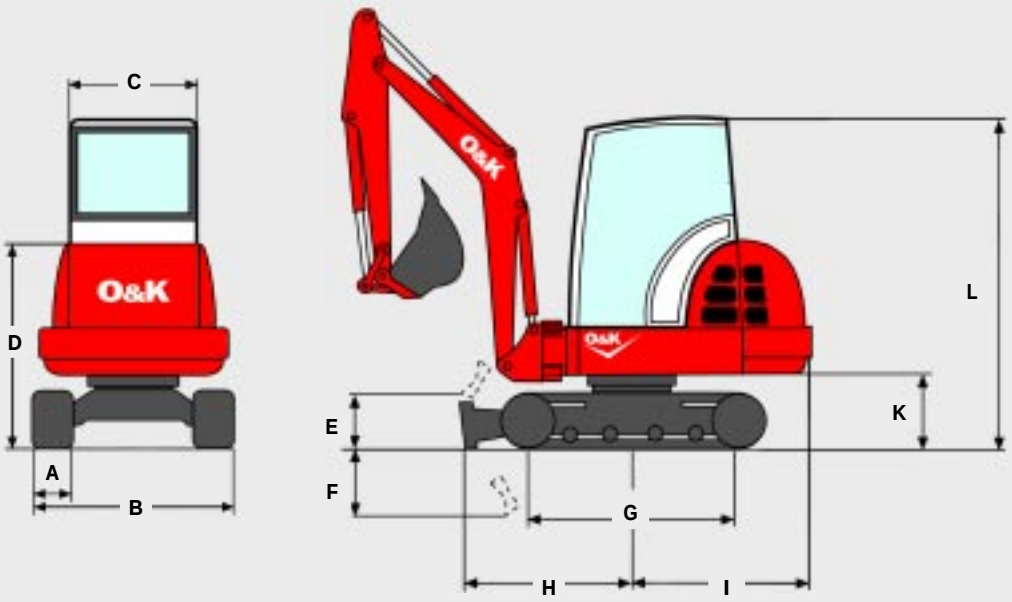
Attachments

	RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
250 mm backhoe w/without ejector (quick-hitch)	25 l/22 l	25 l/22 l	45 l/32 l		
300 mm backhoe with ejector (quick-hitch)				63 l	75 l
300 mm backhoe (quick-hitch)	26 l	26 l	40 l	66 l	80 l tapered
400 mm backhoe with ejector					112 l
400 mm backhoe with ejector (quick-hitch)					110 l
400 mm backhoe	40 l	40 l	63 l	102 l	
400 mm backhoe (quick-hitch)	38 l	38 l	56 l	93 l	115 l tapered
500 mm backhoe			80 l	132 l	
500 mm backhoe (quick-hitch)	49 l	49 l	73 l	122 l	150 l
600 mm backhoe	61 l	61 l	97 l	161 l	
600 mm backhoe (quick-hitch)	60 l	60 l	89 l	151 l	180 l
700 mm backhoe				190 l	
700 mm backhoe (quick-hitch)				181 l	
750 mm backhoe (quick-hitch)					245 l
850 mm ditch-cleaning bucket	72 l	72 l	86 l		
1000 mm ditch-cleaning bucket	85 l	85 l	105 l	124 l	
1000 mm ditch-cleaning bucket (quick-hitch)	65 l	65 l	110 l	140 l	
1200 mm ditch-cleaning bucket				150 l	
1200 mm ditch-cleaning bucket (quick-hitch)				170 l	
1250 mm ditch-cleaning bucket (quick-hitch)					170 l
1000 mm slew bucket 2 x 45° (quick-hitch)	69 l	69 l	96 l	117 l	
1200 mm slew bucket 2 x 45° (quick-hitch)				141 l	
1250 mm slew bucket 2 x 45° (quick-hitch)					180 l

Other attachments also available on request

Dimensions

“This new mini is just what I wanted. It's amazing the work it'll do, deep into the furthest corners, where space is tight. The new mini is a real “all-rounder,” saving all the time previously spent on the small, clean-up jobs.”



Dimensions in mm	RH 1.17	RH 1.21	RH 1.29	RH 1.35	RH 1.48
A	230	230	300	300	400
B	990 (up to 1340*)	990 (up to 1340*)	1400	1510	1850
C	970	970	970	970	970
D	1370	1370	1537	1573	1650
E	200	200	206	202	402
F	160	160	285	320	307
G	1130	1130	1390	1555	1916
H	1030	1030	1223	1274	1593
I	1130	1160	1300	1350	1470
K	455	455	543	580	655
L	2290	2290	2480	2520	2610
Enveloping circle 180°	2370	2560	2800	2970	3200
Enveloping circle 360°	2500	2800	3050	3200	3470

*Adjustable undercarriage

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