

Quarterback

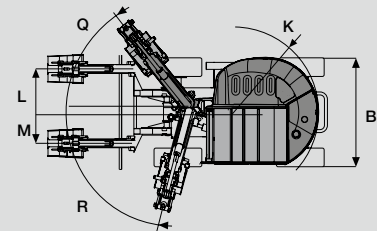
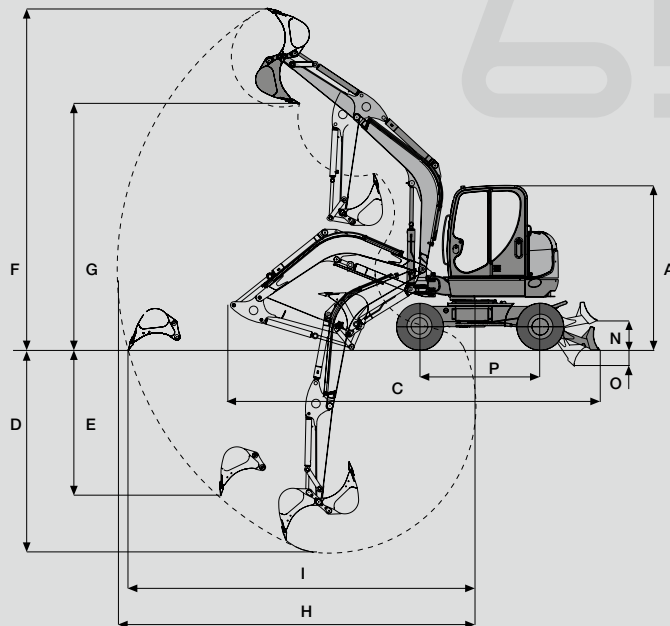
Wacker Neuson Compact Excavator
6503₂ • 9503₂

6503₂
9503₂



**WACKER
NEUSON**

Mono arm



DIMENSIONS

	65032 Mono arm	65032 Pivot arm
A Height of cab standard tyres	2829 mm	2829 mm
B Width standard tyres	1920 mm	1920 mm
Width double tyres	2085 mm	2085 mm
Width Wide-base tyre	2075 mm	2075 mm
C Transport length (arm lowered)	6160 mm	5820 mm
BUCKET ARM SHORT / LONG		
D Max. excavation depth	3540 / 3840 mm	3565 / 3865 mm
E Max. vertical insertion depth	2540 / 2820 mm	2905 / 3185 mm
F Max. insertion height	5975 / 6165 mm	6815 / 7055 mm
G Max. cutting height	4305 / 4495 mm	5055 / 5300 mm
H Max. excavating radius	6240 / 6525 mm	6605 / 6895 mm
I Max. reach on the ground	6045 / 6345 mm	6495 / 6790 mm
Max. overhang at rear (top part of vehicle turned 90°)	505 mm	460* mm
K Rear swivel radius	1465 mm	1465 mm
L Max. arm displacement to middle of bucket right side	745 mm	745 mm
M Max. arm displacement to middle of bucket left side	535 mm	535 mm
N Max. lifting height levelling blade above formation	490 mm	490 mm
O Max. lifting height levelling blade below formation	285 mm	285 mm
P Wheelbase	2100 mm	2100 mm
Q Turning angle of arm to right	51°	51°
R Turning angle of arm to left	75°	75°
Shearing force (bucket arm short/long)	25.8 / 23,1 kN	25.8 / 23.1 kN
Breakaway torque	38.9 kN	38.9 kN

LIFTING POWER 65032 mono arm

B	A	3 m		4 m		5 m		max.	
		0°	90°	0°	90°	0°	90°	0°	90°
3,0 m		-	-	1308*	1211	1292*	852	1300*	831
1,0 m		2777*	1622	1849*	1101	1462*	810	1377*	739
0,0 m		2989*	1569	1994*	1065	1486*	795	1431*	772
-1,0 m		2813*	1566	1906*	1059	-	-	1484*	883

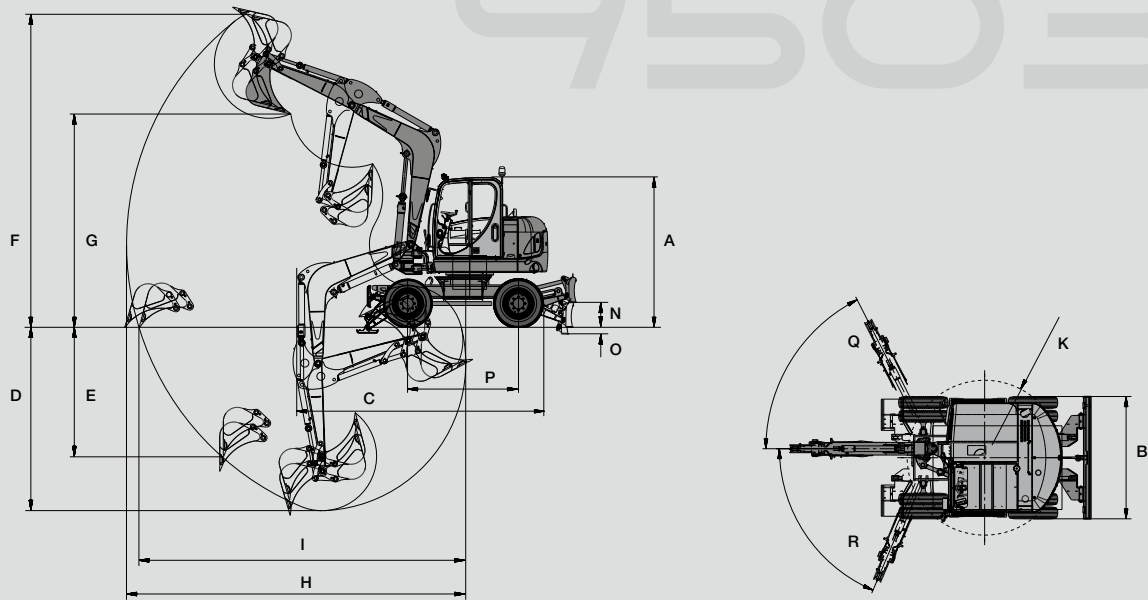
20 km/h, standard tyres, short bucket arm

LIFTING POWER 65032 pivot arm

B	A	3 m		4 m		5 m		max.	
		0°	90°	0°	90°	0°	90°	0°	90°
3,0 m		-	-	1462*	1130	1268*	787	1220*	668
1,0 m		2798*	1418	1844*	974	1396*	716	1172*	591
0,0 m		2702*	1372	1856*	931	1367*	693	1143*	613
-1,0 m		2334*	1378	1662*	924	-	-	1079*	690

20 km/h, standard tyres, short bucket arm

Mono arm



DIMENSIONS

	95032 Mono arm	95032 Pivot arm
A Height of cab	2980 mm	2980 mm
B Width	2465 mm	2465 mm
C Transport length (arm lowered)	6847 mm	6718 mm
BUCKET ARM SHORT / LONG		
D Max. excavation depth	3646 / 3950 mm	3949 mm
E Max. vertical insertion depth	2596 / 2895 mm	2955 mm
F Max. insertion height	6237 / 6372 mm	8079 mm
G Max. cutting height	4253 / 4388 mm	5925 mm
H Max. excavating radius	6827 / 7100 mm	7812 mm
I Max. reach on the ground	6576 / 6864 mm	7597 mm
Max. overhang at rear (top part of vehicle turned 90°)	318 mm	318 mm
K Rear swivel radius	1550 mm	1550 mm
L Max. arm displacement to middle of bucket right side	720 mm	720 mm
M Max. arm displacement to middle of bucket left side	550 mm	550 mm
N Max. lifting height levelling blade above formation	498 mm	498 mm
O Max. lifting height levelling blade below formation	132 mm	132 mm
P Wheelbase	2200 mm	2200 mm
R Turning angle of arm to left	67°	67°
Q Turning angle of arm to right	63°	63°
Min. front pivoting radius	2528 mm	2510 mm
Shearing force (bucket arm short/long)	25,8 / 23,1 kN	40.34 / 36.34 kN
Breakaway torque	38,9 kN	50.6 kN

LIFTING POWER 95032 mono arm









B	A 3 m		4 m		5 m		max.	
	0°	90°	0°	90°	0°	90°	0°	90°
3,0 m	–	–	2280*	2105	2105*	1465	2075*	1235
1,5 m	–	–	3205*	1920	2490*	1380	2210*	1120
0,0 m	5725*	2770	3680*	1800	2700*	1315	2405*	1175
-1,0 m	5245*	2765	3500*	1780	–	–	2560*	1355

20 km/h, only brackets, only one steering axle, double tyres, short bucket arm

LIFTING POWER 95032 pivot arm

B	A 3 m		4 m		5 m		max.	
	0°	90°	0°	90°	0°	90°	0°	90°
3,0 m	3245*	3245*	2795*	2055	2215*	1450	1780*	915
1,5 m	4885*	2975	3400*	1805	2485*	1325	1700*	855
0,0 m	5020*	2680	3340*	1705	2485*	1250	1600*	890
-1,0 m	3860*	2690	2945*	1705	2220*	1245	1470*	985



20 km/h, levelling blade at rear, brackets at front, only one steering axle, double tyres, short bucket arm

	65032	95032
 OPERATING DATA		
Transport weight	6035 – 7005 kg	9315 – 11260 kg
 ENGINE		
Manufacturer / type	Yanmar 4TNV 98-VNS	Deutz TCD 2012 L04 2Vm
Type	water cooled 4 cylinder diesel engine	water cooled 4 cylinder diesel engine
Engine performance to ISO	43,7 kW (58,5 HP)	74,9 kW (101,8 HP)
Capacity	3318 cm ³	4038 cm ³
Nominal rotation speed	2100 min ⁻¹	2100 min ⁻¹ working, 2400 min ⁻¹ driving
Battery	12 V, 88 Ah	12 V, 100 Ah
 HYDRAULIC SYSTEM		
Pump	Double variable displacement gear pump	2x Variable displacement gear pump
Capacity	2 x 64,1 + 48 + 10,3 l/min	145 + 167 + 2 x 38,5 l/min
Operating pressure working/driving hydraulics	225 bar / 225 bar	290 bar / 440 bar
Operating pressure of turntable	235 bar	–
System working/driving hydraulics	Power control	LUDV control / closed Hydraulic circuit with DA control
Hydraulic oil cooler	Standard	Standard
 DRIVING GEAR AND SLEWING GEAR		
Steering	Hydraulic servo assisted	Two wheel steering, four wheel steering crab steering (option)
Front axle / rear axle	Steering axle oscillating / rigid	Steering axle oscillating / rigid
Oscillation	16°	11°
Striking angle	36°	32°
Tyres	standard tyres 300/15 double tyres 57,5/15 (option) Wide-base tyre 19,0/45-17 (option)	double tyres 8,25/20 balloon tyres 500/45-20 (option)
Turning radius / turning radius for wheel drive	5300 mm / –	5570 mm / 3994 mm
Track width	1600 mm	1942 mm
Ground clearance	270 mm	361 mm
Revolving superstructure revolutions	9 min ⁻¹	9 min ⁻¹
 DRIVING SPEEDS		
20 km/h Version	0-8, 0-20 km/h	0-6,5 km/h, 0-20 km/h
30 km/h Version	0-10, 0-30 km/h	–
40 km/h Version	–	0-5 km/h, 0-13 km/h (off-road) 0-13 km/h, 0-40 km/h (on-road)
Tractive power	2550 kg	4200 kg (20 km/h) 6100 kg (40 km/h)
 LEVELLING BLADE		
Width / height	1965 mm / 400 mm	2465 mm / 500 mm
Max. lift above / below formation level	490 mm / 285 mm	498 mm / 132 mm
 FILLING QUANTITIES		
Volume of diesel tank	83 l	170 l
Hydraulic tank capacity	80 l	120 l
Hydraulic oil system filling	83 l	190 l
 NOISE EMISSION		
Sound power level (L_w) as 2000/14/EG	98 dB(A)	101 dB(A)

A Projection from the middle of the turntable

B Load sling height above ground level

* Lifting force is restricted hydraulically. All values in the table are given in kg, at horizontal standing on hard ground and without bucket. If a bucket or other work tool is attached, the lifting power or tipping load is reduced by their weight. Basis of calculations: as ISO 10567. The lifting power of the compact excavator is limited by the adjustment of the pressure control valve and by the tipping security. Neither 75 % of the static tipping load nor 87 % of the hydraulic lifting power is exceeded.

0°		with levelling blade support in direction of travel
90°		without levelling blade support 90° to direction of travel

GENERAL

Balloon tyres (300/15)
Levelling blade
Work floodlight on lifting arm
Tool set incl. grease press and maintenance manual

MOTOR

Water cooled YANMAR diesel engine
Engine speed automatic

CABIN

Glazed safety cab
 cab heating, sliding window at the side, windscreen can be lowered inwards, windscreen wiper washer system, fully lined internally, joystick, armrests; cab complies with the current ROPS, TOPS and FOPS* regulations
Prepared for radio (cabling, loudspeakers, aerial)
2 external mirrors (cab left, chassis right)
Cabling (floodlight and swivel light)

HYDRAULICS

Buzz power control
Hydraulic oil cooler
Hydraulic pre-control with joystick operation
Valve control as ISO, DIN, SAE, PCSA and EURO
Parking brake for driving and swivelling gear
Main brake
Handbrake (hydraulic spring-operated brake)
Hydraulically controlled front axle suspended oscillating with hydraulic locking device
Rigid rear axle
Additional hydraulic connections for 2 movement directions on bucket arm (1685 mm)
2 Speeds for off road and on road driving
Pre-operated load holding valve for lifting arm cylinder
Totalling function for lifting arm cylinder
Hammer return pipe large

* FOPS (Level I or II) compliant only when fitted with additional protective guard, available as a factory-installed option or as a retrofit kit.

GENERAL

Double tyres (8.25/20)
Mono arm
Two wheel steering
Max. driving speed 20 km/h
Power grab frame
12V-lighting installation
Work floodlight on lifting arm
Tool set incl. grease press and maintenance manual

MOTOR

Water cooled DEUTZ-turbo diesel engine
Engine speed automatic

CABIN

Glazed; tippable safety cab
 cab heating, sliding window at the side, windscreen can be lowered inwards, windscreen wiper washer system, fully lined internally, cab complies with the current ROPS, TOPS and FOPS* regulations
Prepared for radio (cabling, loudspeakers, aerial)
Pre-cabled (cab headlight and swivel light)
2 external mirrors (cab left, chassis right)

HYDRAULICS

Variable displacement pump with LUDV control and total power control in connection with 2 x displacement gear pumps (working hydraulics). Pump performance: 167+2 x 38.5 l/min
Displacement pumps in closed circuit with load limit control (driving hydraulics) Pump performance: 145 l/min
Hydrostatic four wheel drive switchable under load; with infinitely variable speed control in 2 driving ranges; additional hydraulic drive pedal for work mode.
Hydraulic oil cooler
Hydraulic pre-control with joystick operation
Valve control as ISO
Additional hydraulic connections for 2 movement directions on bucket arm
Front axle (hydraulically controlled planetary transmission axle suspended oscillating, with hydraulic locking device when operating the handbrake, with integrated multi disk brakes running in oil bath).
Rear axle (rigid planetary transmission axle with inner no play lamella brakes)
Enlarged pressureless hammer return pipe

OPTIONS

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CABIN

Air conditioning
air-sprung driver's seat
radio
External mirror (cab right)

HYDRAULICS

3rd control circuit
 incl. proportional steering and flat seal coupling
Preparation hydraulic QH-system (EASY LOCK)
Prepar. hydraulic POWER TILT
 (only with 3rd control circuit)
Panolin bio oil
BP-Biohyd SE46
Flat sealing coupling for additional hydraulics
Proportional control for additional hydraulics
Pressure relief valve for additional hydraulics
Over load warning device D (safety valve for lifting arm and bucket arm)
Additional pipework for grab extension
9503₂ + pressure relief valve for 3rd control circuit

PAINTING

Special paint 1 RAL (paint only for yellow parts)
Special paint 1 keim RAL (paint only for yellow parts)
Special paint cab RAL (only RAL colours possible)

SUNDRIES

Work floodlights front & back
Drive interlock KAT
Diesel tank filling pump
Swivel light

Longer bucket arm (+ 300 mm) not in connection with triple boom at 9503₂

Security 24 (2000 h) Warranty extension to 24 months or 2000 operation hours

Security 36 (3000 h) Warranty extension to 6 months or 3000 operation hours

General perating permit D

Pivot arm incl. proportional control for additional hydraulics, over load warning device D (F) must be ordered at the same time

6503₂ + 30 km/h

Double tyres (7,5/1715)

Wide-base tyre (19,0/45-17)

9503₂ + 40 km/h incl. stationary manual gearbox, speedometer

Four wheel steering incl. 3 types of steering: four wheel, two wheel steering, crab steering

Balloon tyres (500/45-20)

Levelling blade

Bracket support

Accessories required by law incl. first aid box, warning triangle, holder for number plate

Second tool box

Value Control ISO, SAE as 8003₂, 75Z3₂, 50Z3₂, 6003₂.

Fender

Driving direction selection on Joystick

PACKET

Comfort packet (air conditioning, radio, mirror packet, work floodlights front & back) diesel tank filling pump)