

1404

# Setting standards

Wacker Neuson Compact Excavator 1404



**WACKER  
NEUSON**

Success is the  
result of the right  
decisions.  
With the 1404,  
everything measures up.

COMPACT IS THE FORMAT OF THE FUTURE:  
THE RIGHT DIMENSIONS FOR GREATER FLEXIBILITY,  
PERFORMANCE AND FUNCTIONALITY, DOWN TO THE  
SMALLEST DETAIL. A YARDSTICK TO BE MEASURED BY.

All these factors together generate the long-term cost-effectiveness that has underpinned the success of Wacker Neuson Compact Equipment the world over. And this too is what makes the 1404 so unique and superior in the 1.5-ton category.

Compact is in demand.





Equilibrium par excellence.



# Compact, not cramped. Freedom of movement increases productivity.

**1 The largest cab in the 1.5-ton class.**

The generous foot room and the ergonomic layout of the driver's cab offer the ideal conditions for working productively.

**2 The floor plate in the cab** along with the side panels are designed for easy and time-saving maintenance and are easy to remove.

**3 Direct access to the engine compartment.**

All service-relevant components can be reached directly via the large engine hood. Daily checks are reduced to a few small gestures. The water-cooled, energy-efficient and quiet 3-cylinder Yanmar engine already complies with the future exhaust gas standards (EPA TIER IV).



**Productivity needs the chance to flourish.  
Flexibility offers this chance.**

The 1404 is ever ready to take on new challenges. It is easy to transport, simple to relocate and ready for action, even without the cab.

**Shipping-weight  
under 1,5 t.**

1404

**4 The cab is easy to remove.**

A few gestures is all it takes to dismantle the cab. Even without the cab the 1404 is fully functional, meaning that passages with low headroom are no longer an obstacle.

**5 Easy displacement or loading of the machine.**

The stable hoisting eyelets make it possible to shift the 1404 easily and quickly.



**Compact, not small.**  
True greatness is a  
sum of small details.



- Telescopic undercarriage (990 - 1300 mm)
- Fold-away dozer blade
- Auxiliary hydraulics as standard
- Protected and secure hose guide

**Great things come in small packages:  
meticulous design down to the tiniest detail.**

The 1404 demonstrates clearly why Wacker Neuson has become such a leading player as a compact equipment specialist. The technology is uncompromisingly orientated towards practical and time-saving usage. Discover it. See the pluses it has to offer. Reap the rewards.

# 1404

**1 Telescopic undercarriage.**

With the extremely stable, hydraulically-operated telescopic undercarriage (optional), narrow passages can be negotiated with ease. Structural integrity is never compromised.

**2 Fold-away dozer blade** that always remains attached to the machine and so never risks going astray.

**3 Better safe than sorry.**  
Neck cylinder as standard for all-round safety. The boom cylinder at the top of the boom arm is secure in the event of any collisions and safely protected. Even material dragged over the dozer blade cannot touch it.

**4 Protected and secure hose guide through slewing console and boom.**

**5 Supremely equipped.**  
The auxiliary hydraulics for two directions of rotation run right through to the bucket arm. For hammer action, an unpressurized return line of large cross-section is already fitted in the basic version.

**6 When excavating up to the dozer blade,** even the smallest quantities can be scooped up with ease.



**Compact, not sedate.**  
**Versatility creates demand.**



**Even difficult jobs can be addressed with a new light touch.**  
**Having strength on call, whatever the situation.**

Thanks to the Load-Sensing-System, maximum power is always available for every work manoeuvre, when carrying out precise and delicate tasks. This makes it not only a favourite for hire firm customers, but also means that it enjoys an excellent reputation among civil engineering professionals.

At Wacker Neuson, striking a balance for its compact equipment is far from a compromise: it is a particular source of strength.



# 1404

**1 Ready to tackle the toughest jobs too.**

When working with the hydraulic hammer, particular power reserves are called upon. The 1404 has these in spades, and so even in its basic version it is equipped with its own unpressurized return line.

**2 Sensitive and consistent work thanks to the Load-Sensing-System.**

**3 Manoeuvrability counts: working well in the tightest spots, whenever the need arises.**

The compact dimensions and particular manoeuvrability of the slewing console guarantee sound results no matter how testing the working conditions. Adaptability is its trump card.

**4 Universal and rapid: even doing standard tasks it's well out in front.**

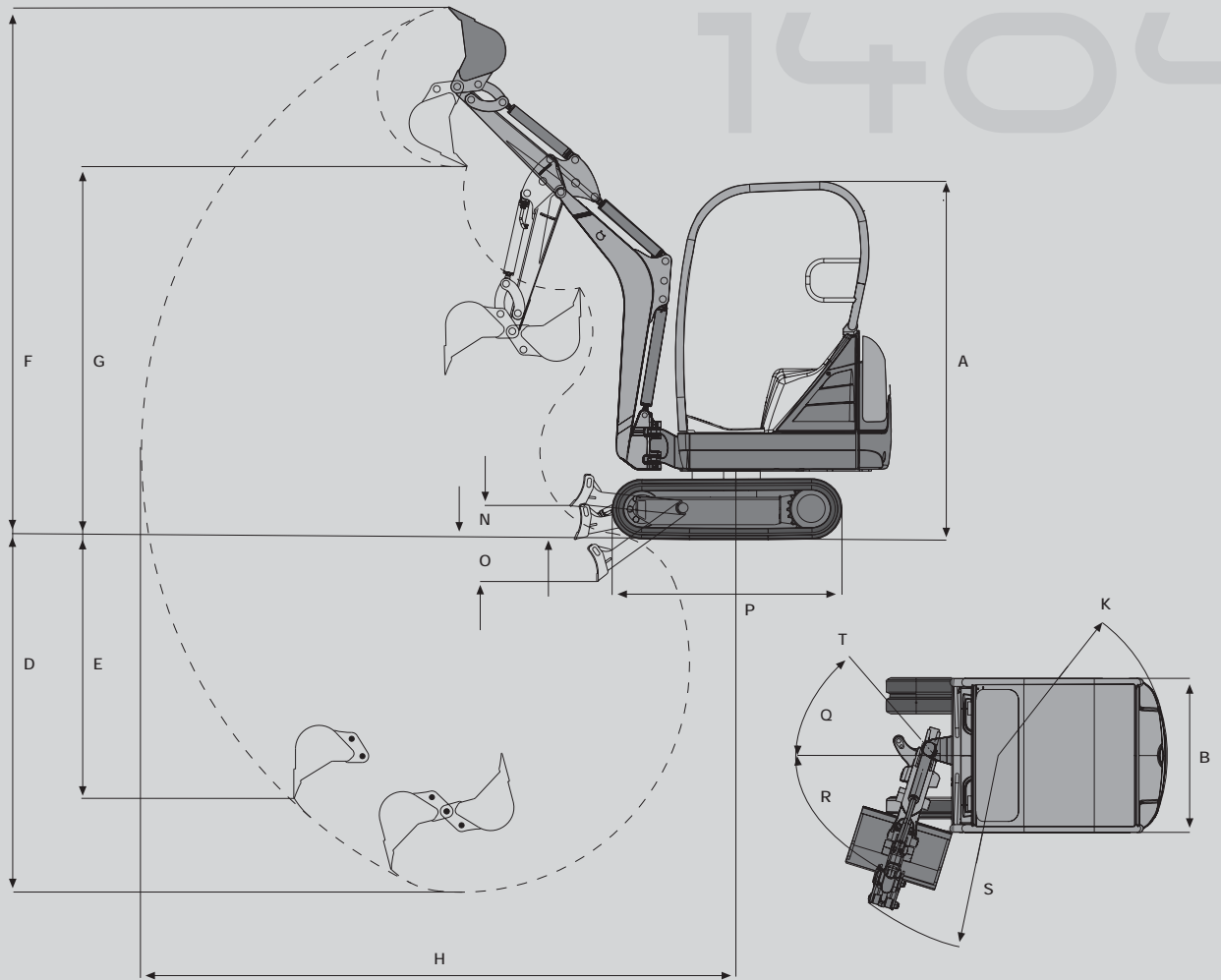
Whether digging trenches, laying pipes or landscaping, the 1404 always acquits itself well.

**5 Quality work can be seen in the details: scooping up material using the dozer blade.**

The 1404 demonstrates its strengths particularly in situations where the interplay of engine power, hydraulics and operability combine to best effect.














#### DIMENSIONS

1404

A	Height	2276 mm
B	Width	990 mm
	Transport length (boom down)	3645 mm
D	Max. digging depth	2240 mm
E	Max. vertical digging depth	1640 mm
F	Max. digging height	3390 mm
G	Max. dumping height	2370 mm
H	Max. digging radius	3700 mm
	Max. reach on the ground	3650 mm
K	Tail slewing radius	1075 mm
L	Max. dumping height	2380 mm
	Max. boom offset to centre of bucket right side	432 mm
	Max. boom offset to centre of bucket left side	287 mm
N	Max. lift of dozer blade above ground	211 mm
O	Max. digging depth of dozer blade below ground	264 mm
P	Track length	1460 mm
Q	Max. swing angle of boom system to the right	49 °
R	Max. swing angle of boom system to the left	73 °
S	Min. boom slewing radius	1490 mm
T	Crawler width	230 mm
	Max. tear-out force	7.1 kN
	Max. bucket digging force	14.2 kN

	<b>OPERATIONAL DATA</b>	<b>1404</b>
	Transport weight with cab / canopy	1450 kg · 1325 kg
	Transport weight with cab / canopy and telescopic undercarriage	1515 kg · 1390 kg
	<b>ENGINE</b>	
	Make/Type	Yanmar 3TNV76
	Model	water-cooled 3-cylinder diesel engine
	Max. engine output	17.9 kW (24.3 PS)
	Performance to ISO	13.2 kW (17.9 PS)
	Engine displacement	1116 cm <sup>3</sup>
	Engine speed	2200 min <sup>-1</sup>
	Battery	12 V, 45 Ah
	Fuel tank capacity	24 l
	<b>HYDRAULIC SYSTEM</b>	
	Pump	gear pump
	Flow rate	35 l/min
	Operating pressure for working and driving hydraulics	200 bar
	Operating pressure for slewing gear	150 bar
	Hydraulic tank capacity	20 l
	<b>UNDERCARRIAGE AND SLEWING SYSTEM</b>	
	Travel speed	2.5 km/h
	Gradeability	30° / 58 %
	Crawler width	230 mm
	No. of track rollers per side	3
	Ground clearance	180 mm
	Ground pressure	0.26 km/cm <sup>2</sup>
	Superstructure slewing speed	9.8 min <sup>-1</sup>
	<b>DOZER BLADE</b>	
	Width	980 mm
	Height	232 mm
	Max. lift above ground	211 mm
	Max. lift below ground	264 mm
	<b>NOISE EMISSIONS</b>	
	Noise level (LWA) as per 2000/14/EC	93 dB(A)

	<b>LIFTING POWER TABLE 1404</b>						
	<b>B</b>	<b>A max.</b>		<b>3.0 m</b>		<b>2.0 m</b>	
		along	across	along	across	along	across
		Tele 990 mm / 1300 mm		Tele 990 mm / 1300 mm		Tele 990 mm / 1300 mm	
	1.5 m	395*	205 / 295	400*	210 / 300	430*	375 / 545
	1.0 m	380*	195 / 275	405*	210 / 295	615*	360 / 525
	0.5 m	365*	190 / 270	410*	205 / 290	725*	345 / 505
	0.0 m	350*	190 / 275	385*	200 / 300	715*	335 / 495

A = projection from turnstile centre

B = load fixing height from ground level

\*The lifting power is hydraulically restricted.

The data (in kg) equate to the machine without digging attachments and are in compliance with ISO 10567. Overall length with dozer blade supported. Neither 75% of the static lifting load nor 87% of the hydraulic lifting power are exceeded.

**STANDARD EQUIPMENT****1404****OPTIONS****1404****GENERAL****230 mm rubber track****Dozer blade****Working light mounted to boom****Tool kit**

incl. grease gun and operator manual

**ENGINE**

Water-cooled Yanmar diesel engine

**CAB****Canopy**

Adjustable driver seat with imitation leather cover and safety belt; canopy complies with FOPS-, TOPS- and ROPS-regulations

**HYDRAULICS****Load-Sensing-System****Hydraulic oil cooler****Hydraulic pilot control**

via joystick

**Valve control**

according to ISO, DIN, SAE, PCSA and EURO

**Auxiliary hydraulic connections**

for two directions of motion, mounted on bucket arm

**CAB****Standard cab**

Glazed safety cab

Cab heating

Top window pane swings back

Bottom window pane lifts out

Windscreen wiper/washing system

1 cab door

Covered cab interior

Cab complies with FOPS-, TOPS- and ROPS-regulations

**Radio**

Radio set with aerial and speakers

**HYDRAULICS****Panolin Bio-Oil****BP-Biohyd SE46****Flat-faced couplers****PAINT****Special paint 1 RAL**

(for yellow parts only)

**Special paint 1 no RAL**

(for yellow parts only)

**Special paint cab RAL**

(RAL colours only)

**MISCELLANEOUS****Working lights**

front

**Working lights**

front + back

**Anti-theft device****Flashing beacon****Long boom arm**

(+160 mm)

**Security 24 (1500 h)**

Warranty extension to 24 months or 1500 operation hours

**Security 24 (2000 h)**

Warranty extension to 24 months or 2000 operation hours

**Telescopic undercarriage**

Hydraulic telescopic undercarriage from 990 mm to 1300 mm, with dozer blade extensions

**PACKS****Mirror pack**

Left-side/right-side mirrors

Wacker Neuson compact equipment  
offers power and manoeuvrability  
on the spot.  
**Any time, any place.**

We consider it a constant duty to ensure that our promise regarding our products and services is fulfilled: Reliability, Trust, Quality, Reactivity, Flexibility and Innovation.

Compact construction equipment of the Wacker Neuson brand also does the business where others can only stand and watch. Our products prove their worth through quality, power, intelligent hydraulics, compact dimensions, innovative technology, high productivity and reliability.

**This gives a form of set-up that only Wacker Neuson – the specialist in compact equipment– is capable of.**

You too can take advantage of this bespoke capability. The Wacker Neuson compact class is in a class of its own. With success stamped right through it.



**WACKER  
NEUSON**