Reliability, trustworthiness, quality, quick reaction, flexibility and innovation – these are what our customers rely on. For decades, Wacker Neuson has led the way on the market with its innovative ideas not just in surface finishing, but also in reinforced concrete processing and industrial concrete processing.

For more information about the varied Wacker Neuson product range, consult your Wacker Neuson customer advisor.

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Surface finishing of concrete floors.

A smooth performance. With Wacker Neuson's machines.

WACKER NEUSON

WACKER NEUSON

www.wackerneuson.com

Perfectly screeded, level concrete floors are the result of precision work.
And also of high-quality equipment.

SURFACE FINISHING SYSTEMS

The surface finishing process: Perfect results need good preparatory work.

EVERYTHING FROM A SINGLE SOURCE - WACKER NEUSON.

Step 1: Depending on the temperature situation, the floor must have been defrosted and heated prior to finishing. The Wacker Neuson E700M is the perfect piece of equipment to speed up the process here.

Step 2: The floor is prepared and is compacted before work continues. Depending on the size of the area, Wacker Neuson can offer a wide range of vibratory plates.

Step 3: The area limits are set up.

Step 4: The reinforcement is installed and is processed with Wacker Neuson rebar tiers and rebar cutting machines.

Step 5: The fresh concrete is delivered and poured.

Step 6: The concrete should then be compacted. This gives it its top-class quality. The wide range of Wacker Neuson internal vibrators is ideal for this work.

Step 7: The wet screed ensures that the concrete surface is level and that the required height is maintained.
The floor is thus optimally prepared for using the trowels.

Step 8: Trowels are used to obtain a fine and level surface: first floating, then finishing and finally polishing.

Step 9: Aftertreatment prevents excessively fast cooling and drying of the concrete during the curing process. The Wacker Neuson E700M surface heater is ideal for this process, as it guarantees a stable setting process thanks to its heating power across a wide area.

Step 10:
The joints prevent the formation of random cracks in the concrete.

The optimum preparation for floating:
Screeding of the concrete surface.

The Wacker Neuson wet screed supports this work process ideally:

- Improves the levelness of concrete floors.
- Various profile lengths available.
- Adjustment possibilities for greater working comfort.
- Suitable for any type of concrete.
- Durable equipment concept.

WET SCREEDS

Wet screeds

The surface finishing process

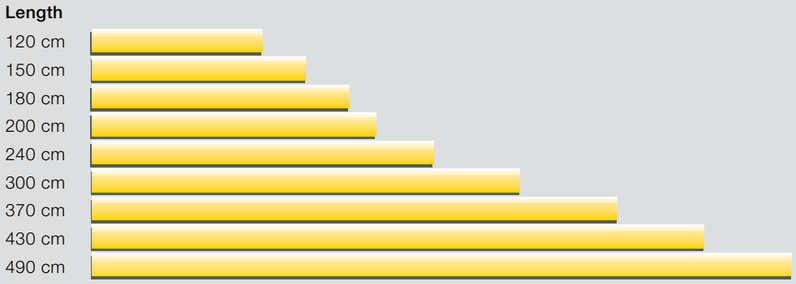
Spreading, screeding and compacting in one work step:
The wet screed P 35.

P 35

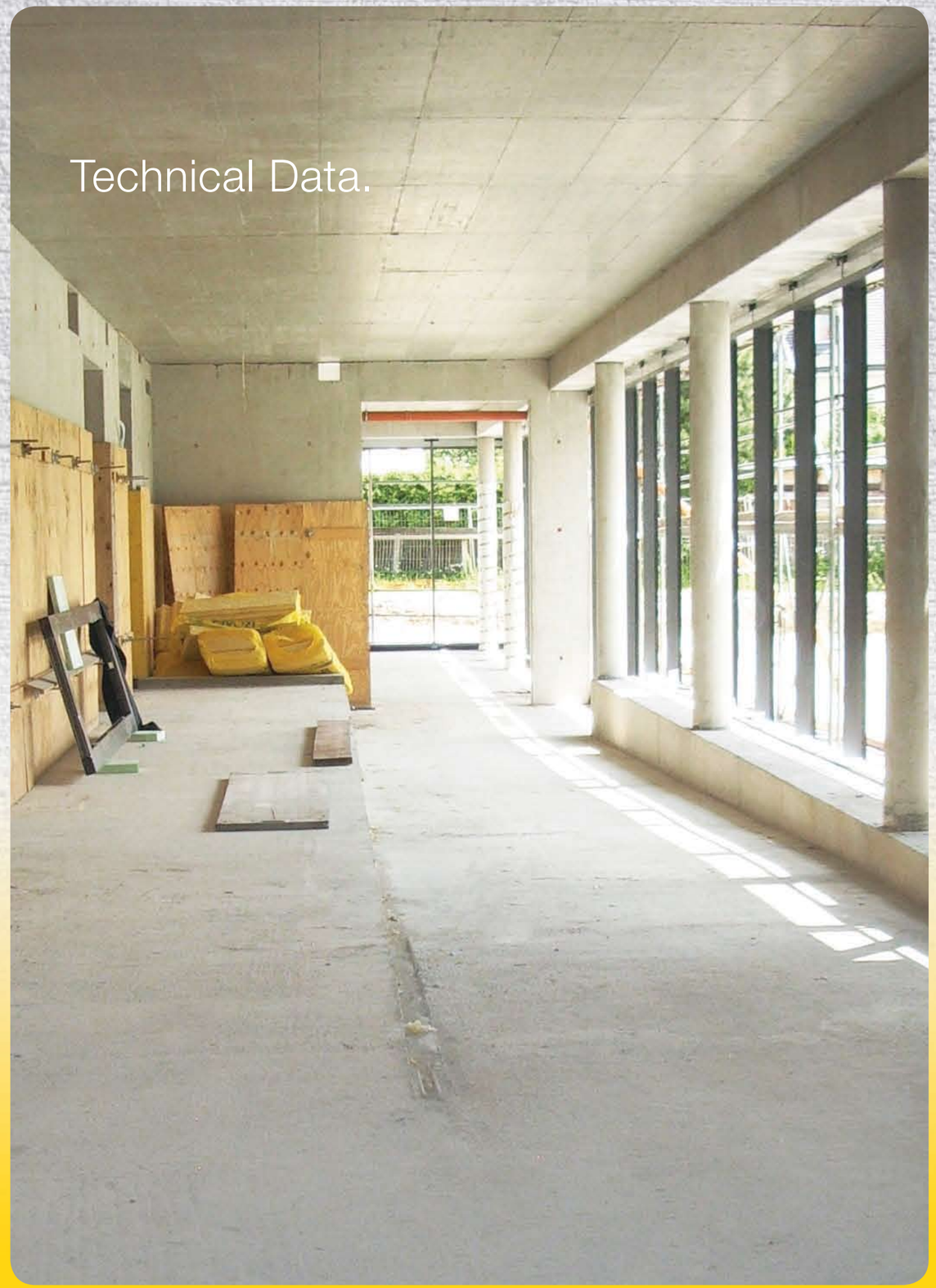
Maximum surface coverage thanks to profiles up to 5 meters in length:

- Extremely portable equipment concept.
- Simple to operate.
- Aluminum profiles in various lengths.
- Easy transfer on the surface thanks to a carrying handle on the engine.
- Adjustable handle positions for optimum ergonomics.
- For all types of concrete: centrifugal force adjustable directly at the eccentric in 7 positions.
- Rigid, maintenance-free drive shaft.
- Encased eccentric housing to protect against dirt, concrete and splash water.

Various profile lengths available:



Technical Data.



WET SCREED

TECHNICAL DATA	P 35A
Weight kg	15.5
Drive	Air-cooled single cylinder four-cycle gasoline engine
Engine manufacturer	Honda
Displacement cm^3	35.8
Power kW (HP) **at speed** rpm	1.2 (1.6) 5,200
Tank volume (fuel) l	0.7
Fuel consumption l/h	0.6

TECHNICAL DATA	SBW 4F	SBW 15M	SBW 6F	SBW 20M	SBW 8F
Length m	1.2	1.5	1.8	2.0	2.4
Width mm	165	165	165	165	165
Weight kg	3.8	4.6	5.4	6.1	7.6

TECHNICAL DATA	SBW 10F	SBW 12F	SBW 14F	SBW 16F
Length m	3.0	3.7	4.3	4.9
Width mm	165	165	165	165
Weight kg	9.5	11.4	13.3	15.2

Modifications reserved in the interest of continuous further development.

Trowels

3 things are crucial for high-quality concrete surfaces:
The right equipment.
Correct operation.
The right timing.

The trowel is chosen based on the size of the surface being smoothed.

- Trowels for edge areas and small surfaces of up to 40-50 m^2.
- Trowels for medium-sized surfaces from 50 m^2.
- Trowels for large surfaces from 400 m^2.

TROWELS FOR EDGE AREAS AND SMALL SURFACES UP TO 40 - 50 m^2

TROWELS FOR MEDIUM-SIZED SURFACES FROM 50 m^2

TROWELS FOR LARGE SURFACES FROM 400 m^2

The edges specialist:
CT 24.

1 **The electric motor:**
Quiet and emissions-free.
The electric motor variant is especially suitable for use in closed spaces, as it works with little noise and is emissions-free.

2 **The gasoline engine:**
1-cylinder four stroke with power.
The single-cylinder Honda gasoline engine is suitable for open working areas, giving you excellent results thanks to its powerful drive.

CT 24

EFFICIENT OPERATION WITH THE BEST RESULTS IN EDGE AREAS.

Provides a smooth edge finish:
- Ideal for troweling edge areas, around pillars and for smaller surfaces.
- With either an electric motor or gasoline engine.
- The electric variant is extremely well suited for use in closed spaces.
- Easy to operate, thanks to an ergonomic design.
- Low Vib guide handle for low-vibration, comfortable working.
- Fold-over center pole for easy transport.

Trowels for edge areas and small surfaces of up to 40 - 50 m²

Optimum troweling results.
CT 36 and CT 48.

Variable speed range:
All three performance ranges offer variable speed ranges. Low speeds are ideal for the floating process. High speed ranges are very well suited to polishing.

PERFORMANCE RANGE

Power HP
Machine type

A		B		C
5.5 - 9.0	CT 36-5A	8.3 - 11.6	CT 36-8A	8.3 - 13.4
CT 36-5A CT 36-6 CT 48-8A CT 48-9		CT 36-8A CT 36-9 CT 48-11A		CT 48-13A-V CT 36-8A-V CT 36-9-V CT 48-13A-V

The Wacker Neuson trowel safety concept is impressive whether you're floating, finishing or polishing:

- The patented transmission brake, the electronic safety switch and the sensor for the motor or engine speed provide triple protection for the operator. In an emergency, the machine switches itself off automatically and renders the center pole stationary after no more than three quarters of a turn.
- Optimally balanced, enabling it to be guided with little effort at all speed ranges and with all types of floating blade and float pan.
- A wide rotor speed range of 20 – 200 rpm and a maximum blade pitch of 30 degrees ensure flexibility in use and excellent working results.
- Can only be started when the throttle lever is at zero. This prevents unwanted center pole rotation during start-up.
- The Pro-Shift® system allows simple and infinitely variable adjustment of the floating blades' pitch. See the following page for more information.
- Various motor or engine models and troweling diameters are available in all performance ranges.

Trowels for medium-sized surfaces from 50 m²

Individually selectable details ensure greater comfort when using the CT 36 and CT 48.

1 **Standard handle with twist pitch adjustment and rigid center pole.**

2 **Height-adjustable handle with Pro-Shift® system.** The Pro-Shift® system allows infinitely variable adjustment of the floating blade pitch and individual height adjustment. This enables the operator to adapt the floating blade to different surface conditions more quickly.

3 **Standard handle with twist pitch adjustment and folding center pole** for simple transport.

Two troweling diameters

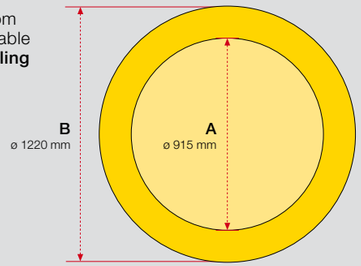
The CT trowel models from Wacker Neuson are available with **two different troweling diameters:**

A

CT 36
ø 915 mm

B

CT 48
ø 1220 mm



VARIOUS HANDLES FOR OPTIMUM EASE OF USE:

The handle variants shown here are available for all walk-behind trowel models.

	Twist pitch adjustment	Pro-Shift® system	Height-adjustable	Rigid center pole	Foldable center pole
T guide handle	●	○	○	●	○
Fold-T guide handle	●	○	○	○	●
ADJ-T guide handle	●	○	●	●	○
Fold-ADJ-T guide handle	●	○	●	○	●
ADJ-P guide handle	○	●	●	○	○
Fold-ADJ-P guide handle	○	●	●	○	●

Trowels for medium-sized surfaces from 50 m²

Eliminates exhaust fume emissions and reduces noise:
The electric trowel
CT 36-400E.

CT 36-400E

The electric motor produces no harmful emissions and works quitely.

THE EMISSIONS-FREE ELECTRIC MODEL.

Easy to use, extremely productive and precise:

- With two speed positions, the 3-phase electric motor provides a high torque during floating and higher speeds during finishing.
- Well balanced, with optimum weight distribution.
- The 30-degree blade pitch ensures good results during finishing thanks to the high edge pressing.
- Low-maintenance.
- Safety device for a high degree of operator protection.
- A robust switch box protects the electrical components reliably and safely.

Trowels for medium-sized surfaces from 50 m²

High degree of user comfort with maximum troweling capacity: CRT 36.

VARIOUS ENGINE MODELS AVAILABLE.

CRT 36

Ride-on trowels for large surfaces:

- Optimum maneuverability thanks to the balanced power / weight ratio and the optimized steering mechanism.
- Sensitive, ergonomically designed dual lever control.
- Integrated wheel set for greater mobility and simple blade changing on the construction site. The innovative wheel set can be operated by one man from the rear of the machine. On the front there are no troublesome control elements to limit the operator's freedom of movement.
- The variable clutch provides a constant engine speed at both low and high rotor speeds.
- Good visibility thanks to front and rear lights as standard – particularly on construction sites at night.
- Modified clutch and V-belt system for a long service life.
- Integrated water tank.
- Adjustable driver's seat for improved operator comfort.

1 **The wheel set** is integrated as standard.

2 **The movable and individually adjustable seat** ensures comfortable and fatigue-free working.

Trowels for large surfaces from 400 m²

Improved productivity for very large concrete surfaces: CRT 48.

CRT 48

AVAILABLE AS A GASOLINE OR DIESEL MODEL.

3 different engine models available:

- Air-cooled two-cylinder four-stroke gasoline engine.
- Liquid-cooled three-cylinder four-stroke gasoline engine.
- Liquid-cooled four-cylinder four-stroke Diesel engine.

Maximum productivity combined with the best work results:

- The balanced power / weight ratio and the innovative steering system allow optimum maneuverability. The steering performance is also improved by the very rigid frame.
- Whether the rotor speeds are high or low – the variable clutch provides a constant engine torque.
- Long service life thanks to a modified clutch and V-belt system.
- The high seat position provides a good overview of the concrete surface.
- Good visibility thanks to front and rear lights as standard – particularly on construction sites at night.
- Integrated water tank.
- Adjustable driver's seat for improved operator comfort.
- Various engine models available.

Two troweling diameters

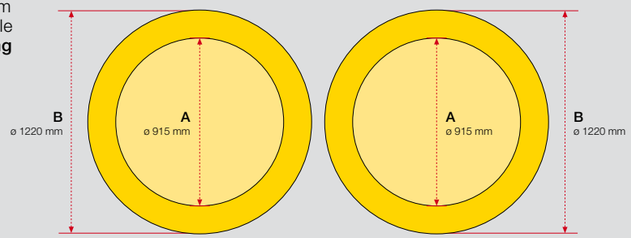
The CRT trowel models from Wacker Neuson are available with **two different troweling diameters:**

A

CRT 36
2 x ø 915 mm

B

CRT 48
2 x ø 1220 mm



Trowels for large surfaces from 400 m²

Ergonomics combined with productivity:
CRT 48 with innovative control concept.

ELECTRO-HYDRAULIC CONTROL.

User-friendly joystick control:

- Electro-hydraulic control concept for precise, virtually fatigue-free steering.
- A choice of two control methods: They provide constant and comfortable control over the machine and can be customized to suit individual steering preferences and construction site conditions.

Ergonomic and highly productive: CRT 48 with innovative control concept.

First-class concrete surfaces: With optimal maneuverability, a high surface capacity and a balanced power-to-weight ratio, the CRT 48 combines maximum productivity with brilliant results.

Innovative control concept: The electro-hydraulic control concept allows accurate, virtually fatigue-free steering with the help of two joysticks. The valves of the hydraulic control cylinder are controlled by electrical signals transmitted by the movement of the joystick. Combining both circuits ensures harmonized controls with optimal weight.

2-level steering: The CRT 48 offers a choice of two control modes to suit individual operator preferences and different construction site conditions. In mode 1 the control signals are filtered and the machine prevented from oversteering. Mode 1 is therefore suitable for tighter, steering-intensive applications, meticulous work along vertical building sections, and for operators who tend to use the joystick more freely. Mode 2 allows undamped, direct steering of the machine and is suitable for large concrete areas, higher speeds and when using float pans. Mode 2 is suitable for operators who prefer subtle joystick movements.

Ergonomic workplace: The seat and armrests are constructed so that even tall operators can sit comfortably and have sufficient leg room. Arms and shoulders are kept in a comfortable, neutral position when steering, allowing fatigue-free work.

A clear overview: An elevated seating position provides for unrestricted vision.

Practical transport: The armrests with the joysticks can be folded up to avoid damage during transport.

Trowels for large surfaces from 400 m²

Technical Data.

TROWELS FOR EDGE AREAS AND SMALL SURFACES

TECHNICAL DATA	CT 24-4A	CT 24-230E
L x W x H mm	1,546 x 610 x 1,041	1,546 x 610 x 1,041
Operating weight kg	72.6	73.9
Troweling diameter mm	610	610
Number of blades	4	4
Finishing blades dimensions mm	229 x 121	229 x 121
Diameter float pan mm	603	603
Speed range rpm	90 - 141	116
Pitch range °	0 - 15	0 - 15
Drive	Air-cooled single cylinder four-cycle gasoline engine Honda	Electric motor
RPM 1/min	3,800	2,870
Engine/motor performance kW (HP) **at speed** rpm	2.9 (4) 3,600	2.2 (3) 2,870
Displacement cm^3	119	–
Tank volume (fuel) l	2.5	–
Fuel consumption l/h	1.3	–
Voltage V	–	230
Frequency Hz	–	50
Rated current A	–	14

TROWELS FOR MEDIUM-SIZED SURFACES

PERFORMANCE RANGE A

TECHNICAL DATA	CT 36-5A	CT 36-6	CT 48-8A	CT 48-9
L x W x H mm (with handle, rigid version)	2,005 x 915 x 1,040	2,005 x 915 x 1,040	2,160 x 1,220 x 1,040	2,160 x 1,220 x 1,040
Operating weight (without handle) kg	73	73	96	93
Troweling diameter mm	915	915	1,220	1,220
Pitch range °	0 - 30	0 - 30	0 - 30	0 - 30
Number of blades	4	4	4	4
Speed range rpm	60 - 125	60 - 125	60 - 125	60 - 125
Drive	Air-cooled single cylinder four-cycle gasoline engine			
Engine manufacturer	Honda	Wacker Neuson	Honda	Wacker Neuson
Model	GX 160	WM 170	GX 240	WM 270
Displacement cm^3	165	170	245	265
Max. performance (DIN ISO 3046) kW (HP) **at speed** rpm	4.3 (5.7) 3,800	4.3 (5.7) 4,000	6.2 (8.3) 3,800	6.7 (9.0) 4,000
Operating performance (DIN ISO 3046) kW (HP) **at speed** rpm	4.3 (5.7) 3,800	4.2 (5.6) 3,800	6.2 (8.3) 3,800	6.5 (8.7) 3,800
Fuel consumption l/h	1.8	1.5	2.7	2.5
Tank volume (fuel) l	3.6	3.6	6.1	6.1

TROWELS FOR MEDIUM-SIZED SURFACES

PERFORMANCE RANGE B

TECHNICAL DATA	CT 36-8A	CT 36-9	CT 48-11A
L x W x H mm (with handle, rigid version)	2,005 x 915 x 1,040	2,005 x 915 x 1,040	2,160 x 1,220 x 1,040
Operating weight (without handle) kg	84	80	102
Troweling diameter mm	915	915	1,220
Pitch range °	0 - 30	0 - 30	0 - 30
Number of blades	4	4	4
Speed range rpm	60 - 125	60 - 125	60 - 125
Drive	Air-cooled single cylinder four-cycle gasoline engine		
Engine manufacturer	Honda	Wacker Neuson	Honda
Model	GX 240	WM 270	GX 340
Displacement cm^3	245	265	337
Max. performance (DIN ISO 3046) kW (HP) **at speed** rpm	6.2 (8.3) 3,800	6.7 (9.0) 4,000	8.7 (11.6) 3,800
Operating performance (DIN ISO 3046) kW (HP) **at speed** rpm	6.2 (8.3) 3,800	6.5 (8.7) 3,800	8.7 (11.6) 3,800
Fuel consumption l/h	2.7	2.5	2.7
Tank volume (fuel) l	6.0	6.0	6.0

TROWELS FOR MEDIUM-SIZED SURFACES

PERFORMANCE RANGE C

TECHNICAL DATA	CT 36-8A-V	CT 36-9-V	CT 48-13A-V	CT 36-400E
L x W x H mm (with handle, rigid version)	2,005 x 915 x 1,040	2,005 x 915 x 1,040	2,160 x 1,220 x 1,040	2,005 x 915 x 1,040
Operating weight (without handle) kg	90	87	106	104*
Troweling diameter mm	915	915	1,220	915
Pitch range °	0 - 30	0 - 30	0 - 30	0 - 30
Number of blades	4	4	4	4
Speed range rpm	20 - 200	20 - 200	20 - 200	50 - 100
Drive	Air-cooled single cylinder four-cycle gasoline engine	Air-cooled single cylinder four-cycle gasoline engine	Air-cooled single cylinder four-cycle gasoline engine	Electric motor, 3-phase, 50 Hertz
Engine manufacturer	Honda	Wacker Neuson	Honda	–
Model	GX 240	WM 270	GX 390	–
Displacement cm^3	245	265	337	–
Max. performance (DIN ISO 3046) kW (HP) **at speed** rpm	6.2 (8.3) 3,800	6.7 (9.0) 4,000	10.0 (13.4) 10.0 (13.4)	–
Operating performance (DIN ISO 3046) kW (HP) **at speed** rpm	6.2 (8.3) 3,800	6.5 (8.7) 3,800	10.0 (13.4) 3,800	–
Fuel consumption l/h	2.7	2.5	2.7	–
Tank volume (fuel) l	6.0	6.0	6.0	–
Voltage V	–	–	–	400
Rated current A	–	–	–	5.5 / 7.3
Motor performance (low / high) kW	–	–	–	2.6 / 3.1
Motor RPM (low / high) 1/min	–	–	–	1,400 / 2,850

*Weight including handle

TROWELS FOR LARGE SURFACES

TECHNICAL DATA	CRT 36-24A-WK	CRT 36-25-WK
L x W x H mm	2,032 x 1,041 x 1,372	2,032 x 1,041 x 1,372
Operating weight kg	392	395
Troweling diameter mm	915	915
Pitch range °	0 - 25	0 - 25
Number of blades	8	8
Combination blades mm	355 x 203	355 x 203
Floating blades mm	355 x 152	355 x 152
Combination blades mm	355 x 254	355 x 254
Speed range rpm	25 - 165	25 - 165
Drive	Air-cooled two-cylinder four-cycle gasoline engine	Air-cooled two-cylinder four-cycle gasoline engine
Engine manufacturer	Honda	Wacker Neuson
Displacement cm^3	670	720
Operating performance kW (HP) **at speed** rpm	18.0 (24.0) 3,850	18.5 (25.0) 3,850
Fuel consumption l/h	24.6	24.6
Tank volume (fuel) l	9.0	9.0

TROWELS FOR LARGE SURFACES

TECHNICAL DATA	CRT 48-35V	CRT 48-35V	CRT 48-35L	CRT 48-35L-PS
L x W x H mm	2,566 x 1,295 x 1,473	2,566 x 1,295 x 1,473	2,566 x 1,295 x 1,473	2,566 x 1,295 x 1,473
Operating weight kg	558	508	603	635
Troweling diameter mm	1,220	1,220	1,220	1,220
Pitch range °	0 - 25	0 - 25	0 - 25	0 - 25
Number of blades	10	10	10	10
Combination blades mm	457 x 203	457 x 203	457 x 203	457 x 203
Floating blades mm	457 x 152	457 x 152	457 x 152	457 x 152
Combination blades mm	457 x 254	457 x 254	457 x 254	457 x 254
Speed range rpm	25 - 165	25 - 165	25 - 165	25 - 165
Drive	Liquid-cooled three-cylinder four-stroke gasoline engine	Air-cooled two-cylinder four-cycle gasoline engine	Liquid-cooled four-cylinder four-stroke Diesel engine	Liquid-cooled four-cylinder four-stroke Diesel engine
Engine manufacturer	Briggs & Stratton Vanguard	Briggs & Stratton Vanguard	Lombardini	Lombardini
Displacement cm^3	950	993	1,370	1,370
Operating performance kW (HP) **at speed** rpm	25.4 (34.0) 3,800	26.1 (35.0) 3,800	26.0 (35.0) 3,800	26.0 (35.0) 3,800
Fuel consumption l/h	24.6	24.6	24.6	24.6
Tank volume (fuel) l	10.0	10.0	6.2	6.2

High-quality accessories for optimum results in concrete: Original quality from Wacker Neuson.

Always a good decision:
Original accessories from Wacker Neuson.

- Float blades
- Combination blades
- Finishing and polishing blades
- Float pans
- Wheel set
- Guide handles

ACCESSORIES

Accessories

Original accessories from Wacker Neuson:
Troweling accessories.

1 Float blades
2 Combination blades
3 Finishing and polishing blades
4 Float pans

LIFTING STIRRUP FOR CT 36 AND CT 48 MODELS.

	Lifting stirrup
CT 36	●
CT 48	●

NUMBER OF BLADES ON OUR MACHINE TYPES

CT

CRT 36

CRT 48

PACKAGING UNITS (PU*)

Finishing/polishing blades	36" in inches	48" in inches	Float pans	24" in inches	36" in inches	48" in inches
PU	1	1	PU	1	1	1
PU	10	10	PU	10	10	10
PU	50	50	PU	30	30	30
PU	100	100	PU	50	50	50

* 1 packaging unit consists of 4 or 5 blades.

FLOAT BLADES, COMBINATION BLADES, FINISHING/POLISHING BLADES, FLOAT PANS DIMENSIONS

	Float blades mm	Combination blades mm	Finishing/polishing blades mm	Float pans ø mm
CT 24 (L x W)	–	–	229 x 121	603
CT 36 (L x W)	355 x 254	335 x 203	335 x 152	915
CT 48 (L x W)	457 x 254	457 x 203	457 x 152	1,220
CRT 36 (L x W)	355 x 254	335 x 203	335 x 152	915
CRT 48 (L x W)	457 x 254	457 x 203	457 x 152	1,220

Easy to transport, thanks to a practical transport device.

The transport device (available as an accessory) enables you to transport your CRT more easily, makes it extremely flexible in use and allows you to change the troweling accessory directly on the construction site.

● Available ○ Not available

Other Wacker Neuson products for surface finishing.

Wacker Neuson provides you with even more products to help you in your work with concrete floors:

- Floor saws
- Internal vibrators
- Surface heater
- Rebar tier

MORE MACHINES FROM
WACKER NEUSON

More machines

More Wacker Neuson machines **for improved efficiency with your work processes.**

In a class of its own: The first-class cutting performance of the BFS 1345.

With Wacker Neuson floor saws, the maximum of engine power is applied where it belongs: in the asphalt or concrete. This is because the torque transferred to the diamond blade and the center of gravity lying over the cutting shaft are efficiently aligned. As a result, Wacker Neuson's floor saws are **up to 20 % faster than similar products.**

Up to 1,000 knots per hour: The rebar tier DF 16.

The mechanical machine with automatic binder feed is an impressive piece of equipment because not only is it fast and simple, it also makes up to 1,000 twisted knots per hour with one-handed operation. No battery required, no wire scrap, just uniformly tight knots tied while standing upright. Try it out for yourself.

High-end internal vibrators for concrete processing: IRSEN and IRSE-FU.

Internal vibrators from Wacker Neuson stand out thanks to their stable-speed, high-power electric motor. Like the induction-hardened vibrator heads that guarantee a high level of resistance to wear, this contributes to the durable equipment concept. Internal vibrators with integrated inverters are also optionally available for independent site operation, enabling all types of concrete to be optimally compacted.

Provides the right operating temperature when making concrete floors: E 700M.

The E 700M is the ideal heater when curing concrete in sub-zero temperatures. It is simple to operate, extremely resistant and ensures that you can work reliably and undisturbed in extremely cold environments. The E 700M provides a **heat efficiency of 87 %** – that's the **best in the industry!**

More machines from Wacker Neuson