

**Discount
Equipment**

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Husqvarna®




SMARTER SOLUTIONS TO FINISH CONCRETE SURFACES AND FLOORS

CONCRETE PLACEMENT EQUIPMENT BY HUSQVARNA

FOR A BETTER WAY OF WORKING

TAKING YOUR CONCRETE BUSINESS TO FIRST CLASS



Every concrete construction starts with a solid foundation. We provide you with the tools and solutions to create just that. We rely on three basic principles: high-performing and well-designed quality equipment, a clear focus on the operator's efficiency, and a service and support network to back you up in any event. That is how we enable you to achieve a better way of working.

HIGH PERFORMANCE PRODUCTS

Husqvarna's concrete equipment is developed for maximum productivity, performance and reliability. Every little detail within – from the hard-wearing vibrator heads to the reliable trowel motors – is designed to get the job done with maximum uptime and minimum service required.

FOCUS ON THE OPERATOR'S EFFICIENCY

The operator's efficiency is the key to high production rates and a high-quality job result. By designing the products for easy handling, reliable operation and best possible safety, we enable the operator to stay productive the whole working day.



SUPPORT AND SERVICE YOU CAN COUNT ON

Our machines are built to provide maximum uptime, and so is our extensive service network. We are never far away when you need to consult a Husqvarna-trained technician or have any service or spare parts delivered.

Visit our website www.husqvarnacp.com to find your nearest Husqvarna Service Center or authorized servicing dealer for Husqvarna Construction Products.

COVERING ALL STEPS OF THE JOB

Husqvarna offers a wide range of equipment that covers every step of the concrete placing and finishing process – including vibration, leveling, finishing and Ultra-Early Entry™ sawing of poured concrete surfaces and floors.

» CONCRETE VIBRATION

Vibration helps remove the air voids from concrete as it is being poured or immediately afterwards. By removing the air, the density of the concrete increases, making the concrete stronger. Depending on the depth and slump, a high density concrete can be achieved by using an internal vibrator or a vibrating screed.





CONTRACTION JOINT SAWING

As a concrete slab hydrates and begins to set, it develops internal stresses that cause it to crack. Sawing straight, shallow joints in the freshly poured concrete prevents random cracks from appearing. With the patented Husqvarna Soff-Cut® Ultra Early Entry™ dry-cutting system, contraction joints can be sawn into the Green Zone™ within two hours of pouring.



CONCRETE LEVELING

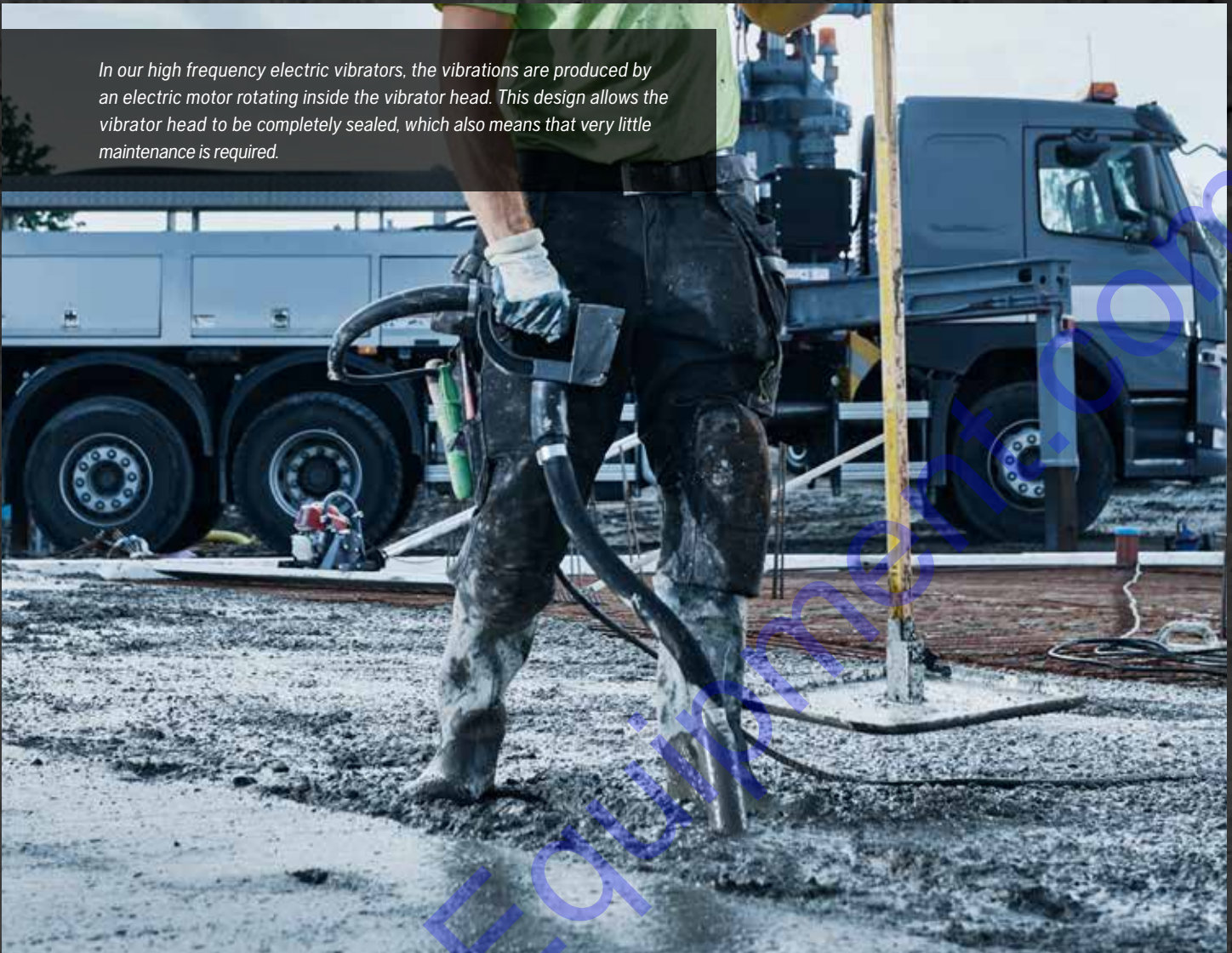
In most cases, concrete needs to be leveled to create an even surface. One or two screeding passes with a vibrating screed alone is often enough on single-reinforced slabs. If an already installed concrete floor is to be covered by a new concrete layer, surface vibration is an excellent method for obtaining a high level of adhesion between the two concrete constructions.



CONCRETE SURFACING

Once the concrete reaches a plastic state, power trowels are used for floating and trowelling to remove irregularities from the screeded surface. During this process, the concrete surface is compacted and sealed, which makes the floor even more durable. The intention is to obtain a smoother and more even concrete floor, and also to reduce the concrete dust created from wear.

In our high frequency electric vibrators, the vibrations are produced by an electric motor rotating inside the vibrator head. This design allows the vibrator head to be completely sealed, which also means that very little maintenance is required.



HUSQVARNA SMART SERIES | HIGH FREQUENCY ELECTRIC VIBRATORS

FOR INTENSE WORK AND MAXIMUM OUTPUT

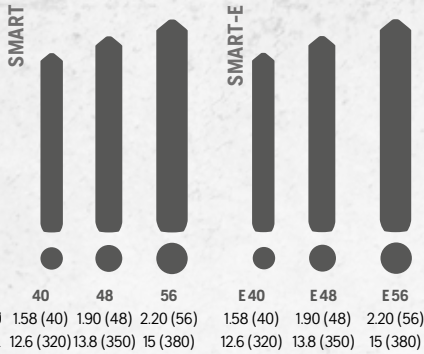
Husqvarna Smart is a powerful system with an integrated, intelligent frequency converter developed for intense professional use. Any regular, single-phase wall socket with the appropriate voltage will suffice as power source. Just plug in and start working straight away.

The high centrifugal force, stable speed and high amplitude contribute to efficient concrete vibration with fewer dips. 49 ft (15 m) + 16 ft (5 m) of hose enable exceptional reach around the job.

The integrated frequency converter is well protected against shock, overload and overheating. All electronics are built into the streamlined aluminum box with one push of the ON/OFF button. A LED indicator shows the working status of the vibrator and alerts the operator if something needs to be checked.

TUBE SIZES

All measurements are in in. (mm). L = Length Ø = Diameter



RADIUS OF ACTION

Up to: 12× diameter



ENERGY & DRIVE UNIT



110 V

CONSISTENCY

High to low slump

WORK FAST

A frequency of 12000 vpm across the Smart series range ensures high centrifugal force, stable speed and high amplitude – excellent concrete vibration with fewer operator dips.

EASY HANDLING

With 49 ft (15 m) of cable and 16-32 ft (5-10 m) of hose, Husqvarna Smart gives you exceptional reach around the worksite.



PLUG AND GO

With built-in frequency converters, a regular single-phase wall socket is all you need to power up and start working.

ERGONOMIC MOTOR-IN-HEAD DESIGN

Having the motor in the head keeps vibrations where they belong – in the concrete rather than in the operator's hands and arms.

HEALTHIER WORKPLACES

Using electricity instead of petrol means no fumes and less noise. Pistol grip handles reduce hand/arm vibrations, and the built-in converter is well protected against shock, overload and overheating.

| ACCESSORIES | PART NUMBERS |
|------------------------|--------------|
| Husqvarna Smart | |
| Elastomer end cap Ø 40 | 595156701 |
| Elastomer end cap Ø 48 | 595156801 |
| Elastomer end cap Ø 56 | 595029601 |



Elastomer end caps

| SMART VIBRATORS | 56 – 10 M | 56 – 5 M | 48 – 10 M | 48 – 5 M | 40 – 5 M |
|--|------------|------------|-------------|-------------|-------------|
| Part Number | 967856008 | 967856006 | 967855907 | 967940205 | 967855806 |
| Tube diameter, in. (mm) | 2.2 (56) | 2.2 (56) | 1.9 (48) | 1.9 (48) | 1.6 (40) |
| Frequency, vpm | 12000 | 12000 | 12000 | 12000 | 12000 |
| Voltage, V | 110 | 110 | 110 | 110 | 110 |
| Frequency, Hz | 50/60 | 50/60 | 50/60 | 50/60 | 50/60 |
| Amperage, A | 6.4 | 6.4 | 4.5 | 4.5 | 2.5 |
| Hose length, ft (m) | 32.8 (10) | 16.4 (5) | 32.8 (10) | 16.4 (5) | 16.4 (5) |
| Cable length, ft (m) | 49.2 (15) | 49.2 (15) | 42.9 (15) | 42.9 (15) | 42.9 (15) |
| Sound power, LW dB(A) | 94 | 94 | 91 | 91 | 86 |
| Vibration value, ft/s ² (m/s ²) | 8.1 (2.47) | 8.1 (2.47) | 19.2 (5.87) | 19.2 (5.87) | 15.1 (4.62) |

| SMART-E VIBRATORS | E 56 | E 48 | E 40 |
|---|-------------|-------------|-------------|
| Part Number | 967940305 | 967940208 | 967855810 |
| Tube diameter, in. (mm) | 2.2 (56) | 1.9 (48) | 1.6 (40) |
| Tube length, in. (mm) | 15 (380) | 13.8 (350) | 12.6 (320) |
| Total weight, lbs (kg) | 35.1 (14.7) | 32.4 (14.7) | 28.9 (13.1) |
| Hose length, ft (m) | 1.64 (.5) | 1.64 (.5) | 1.64 (.5) |
| Cable length, ft (m) | 49.2 (15) | 49.2 (15) | 49.2 (15) |
| Voltage, V | 115 | 115 | 115 |
| Frequency, Hz | 50/60 | 50/60 | 50/60 |
| Amperage, A | 12.8 | 9 | 5 |
| Frequency, vpm | 12000 | 12000 | 12000 |
| Weighted effective acceleration, m/s ² | 2.47 | 5.87 | 4.62 |
| Sound power Lpa dB(A) | 83 | 80 | 75 |



The Smart-E version features a pistol grip handle that reduces hand/arm vibration.



HUSQVARNA AME SERIES | MODULAR FLEX-SHAFT VIBRATORS

VERSATILE VIBRATORS FOR SMALL TO MID-SIZE JOBS

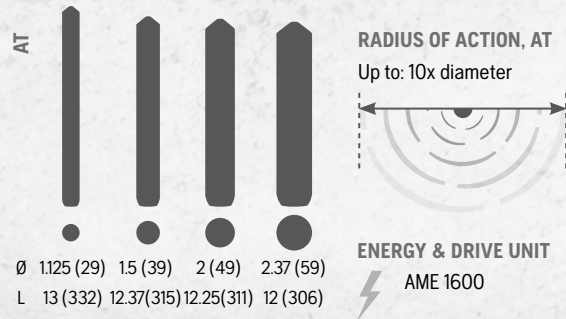
The Husqvarna AME 1600 is a versatile system designed for occasional concrete pouring applications. Just plug into a regular wall socket to let the combination of high frequency electric power and mechanic force do the job for you.

The low-weight portable electric drive unit and numerous configurations make this system ideal when pouring floors, slabs, beams, columns and pillars in housing.

All shafts and vibrators in this system are equipped with quick couplings for ease of assembly. Instant speed and power from the drive unit provides rapid acceleration contributing to the outstanding performance.

TUBE SIZES

All measurements are in in(mm). L = Length Ø = Diameter



CONSISTENCY

High to low slump

FLEXIBLE SHAFT

Available in 3.25 (1), 5 (1.5), 6.5 (2), 10 (3), 13 (4) feet (meters)



HUSQVARNA AME 1600

LONG LIFE

Oil lubrication contributes to long life and keeps life cycle costs down.

DURABLE

Foam filter helps protect the drive unit from dust.

| ELECTRICAL DRIVE UNIT | AME 1600 |
|---|----------------|
| Part number | 967857801 |
| Voltage, V-p-Hz | 115V-1-50/60Hz |
| Power, hp (kW) | 2.25 (1600) |
| Amperage, (A) | 14 |
| Speed, rpm | 12000 |
| Cable length, ft (m) | 16 (5) |
| Weight, lbs (kg) | 13.5 (6.1) |
| Weighted effective acceleration, m/s ² | 4.16 |
| Sound power Lpa dB(A) | 77 |

| VIBRATOR HEADS | AT 59 | AT 49 | AT 39 | AT 29 |
|--|------------|-------------|-------------|------------|
| Part number | 967859604 | 967859603 | 967859602 | 967859601 |
| Tube diameter, in. (mm) | 2.37 (59) | 2.0 (49) | 1.5 (39) | 1.125 (29) |
| Tube length, in. (mm) | 12.0 (306) | 12.25 (311) | 12.37 (315) | 13 (332) |
| Tube weight, lbs (kg) | 8.62 (3.9) | 6 (2.7) | 4.62 (2.1) | 2.87 (1.3) |
| Speed (rpm) | 12000 | 12000 | 12000 | 12000 |
| Weighted effective acceleration, (m/s ²) | 10.29 | 9.74 | 8.86 | 12.09 |

| FLEXIBLE SHAFTS | SUPERFLEX 40 | SUPERFLEX 30 | SUPERFLEX 20 | SUPERFLEX 10 |
|------------------|--------------|--------------|--------------|--------------|
| Part number | 967859505 | 967859504 | 967859503 | 967859501 |
| Length, ft (m) | 13 (4.0) | 10 (3.0) | 6.5 (2.0) | 3.25 (1.0) |
| Weight, lbs (kg) | 16 (7.3) | 12.37 (5.6) | 8.37 (3.8) | 5.0 (2.4) |



In our mechanical vibrators, the vibrations are produced by a pendulum rotating inside the vibrator head. A flexible, rotating driveshaft transfers the power mechanically to the pendulum from the power source through the hose. The driveshaft can be powered by a petrol engine or electric motor. Mechanical vibrators are sturdy and reliable, given the proper maintenance.

HUSQVARNA AA SERIES | MECHANICAL VIBRATORS

MODERN CLASSICS YOU CAN TRUST

These classic mechanical pendulum vibrators have been refined over the years. Constant high vibration and simple design make them reliable, effective and offer great economical value. The AA series features smart couplings with flexible shafts. These systems are powered by modern gas drive unit with low fuel consumption.

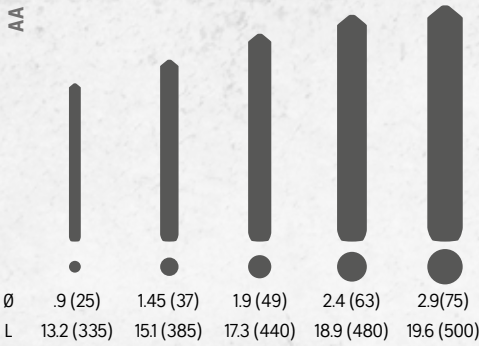
The conical shape of the pendulum raceway increases the friction area within the vibrator head to keep speed up and prevent rpm losses. To reduce hand /arm vibrations and increase wear

resistance, hose stiffener are used on large diameters.

The use of induction-hardened magnesium steel alloy in the major wearing parts and steel reinforcement in the rubber hose contribute to a long service life. The simple design makes maintenance easy and inexpensive. Service kits are available.

TUBE SIZES

All measurements are in in.(mm). L = Length Ø = Diameter



TOUGH

High-induction hardened steel parts.



HUSQVARNA AMG 3200

RADIUS OF ACTION

AA up to: 10x diameter



ENERGY & DRIVE UNIT



AMG 3200

CONSISTENCY

AA: Low to high slump

HUSQVARNA AA SERIES



REACH IS KING

AA comes with a 19 ft (6 m) hose.

POWER

Longer pendulum shaft turning in a bearing conical raceway extends lifetime with higher centrifugal force involved.

RELIABILITY

AA 47, AA 67, and AA 77 come with a hose stiffener near the vibrating element for extended life.

| MECHANICAL VIBRATORS | AA 77 | AA 67 | AA 47 | AA 37 | AA 27 |
|---|------------|------------|------------|------------|------------|
| Part number | 967857701 | 967857601 | 967857501 | 967857401 | 967857301 |
| Tube diameter, in. (mm) | 2.95 (75) | 2.48 (63) | 1.97 (50) | 1.53 (39) | 1.0 (25) |
| Tube length, in. (mm) | 20.0 (510) | 19.7 (500) | 16.5 (420) | 14.4 (366) | 13.1 (334) |
| Total weight, lbs (kg) | 64.0 (29) | 55.1 (25) | 50.7 (23) | 41.9 (19) | 22.0 (10) |
| Hose length, ft (m) | 19.7 (6) | 19.7 (6) | 19.7 (6) | 19.7 (6) | 19.7 (6) |
| Frequency, vpm | 9 200 | 10 500 | 11 200 | 12 000 | 12 000 |
| Weighted effective acceleration, m/s ² | 3.16 | 2.66 | 3.52 | 1.56 | 2.46 |
| Sound power Lpa dB(A) | 75.7 | 75.8 | 73 | 68 | 69 |

HUSQVARNA AM DRIVE UNIT FOR AA VIBRATORS



The AA system is powered by a gas drive unit with low fuel consumption. It is motorized with a renowned engine from Honda to ensure reliable operation in all conditions.

| GASOLINE DRIVE UNIT | AMG 3200 |
|-----------------------------|------------------------------------|
| Part number | 967857201 |
| Engine model | Honda GX160 UT1 SXS4 SD, 4-strokes |
| Engine speed, rpm | 3 000 |
| Power @ 3000 rpm, hp (kW) | 4.8 (3.6) |
| Fuel tank capacity, qts (L) | 0.82 (3.1) |
| Total weight, lbs (kg) | 33.06 (15) |
| Oil "alert" | Yes |
| Sound power Lpa dB(A) | 75.7 |



HUSQVARNA PV SERIES | PNEUMATIC VIBRATORS

POWERED BY COMPRESSED AIR

In our PV pneumatic vibrators, the vibrations are produced by a rotor inside the vibrator head. The rotor is driven by compressed air that is transferred through the hose from a compressor. Pneumatic vibrators are powerful, economic, sturdy and reliable, given the proper maintenance.

Modern compressors are economic and quiet and can run several vibrators simultaneously. Husqvarna offers a wide range of pneumatic vibrators to match your compressor. This is an efficient solution if an air compressor is already available at the work site.

Husqvarna PV vibrators are ideal for vibrating walls and columns since the air-cooled design doesn't depend on the concrete to keep the temperature down. The easy-to-twist ball stop handle helps to avoid air leakage and power losses. The absence of moving parts in the hose means hand/arm vibrations are reduced.

TUBE SIZES

All measurements are in in(mm). L = Length Ø = Diameter



| | | | | | | | | | |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Ø | 1.1 | 1.5 | 1.9 | 2.2 | 2.6 | 3 | 3.4 | 4 | 6.1 |
| | (26) | (36) | (47) | (56) | (67) | (77) | (87) | (108) | (155) |
| L | 10 | 10.5 | 12.4 | 13.5 | 14 | 15.6 | 16.1 | 16.3 | 16.5 |
| | (254) | (267) | (316) | (344) | (365) | (398) | (410) | (415) | (420) |

RADIUS OF ACTION

Up to: 12x diameter



ENERGY & DRIVE UNIT



Compressor

CONSISTENCY

Low to high slump

WIDE VARIETY OF APPLICATIONS

High centrifugal force and acceleration make pneumatic vibrators ideal for everything from concrete slab tests to dam construction projects.

DURABLE

The absence of moving parts in the hose means less hand/arm vibration and extended service life.

STAYS COOL

PV vibrators are excellent for walls and columns because they're air-cooled and don't depend on the concrete to keep the temperature down.

EASY HANDLING

The easy-to-twist ball stop handle with on-off function helps avoid air leakage and power losses.



| PNEUMATIC VIBRATORS | PV 107 | PV 87 | PV 77 | PV 67 | PV 57 | PV 47 | PV 37 | PV 27 |
|---|------------|------------|------------|------------|------------|------------|-------------|-------------|
| Part number | 967859408 | 967859407 | 967859406 | 967859405 | 967859404 | 967859403 | 967859402 | 967859401 |
| Tube diameter, in. (mm) | 4 (108) | 3.4 (87) | 3.0 (77) | 2.6 (67) | 2.2 (56) | 1.9 (47) | 1.5 (36) | 1.1 (26) |
| Tube length, in. (mm) | 16.3 (415) | 16.1 (410) | 15.7 (398) | 14.3 (365) | 13.5 (344) | 12.4 (316) | 10.5 (267) | 10.0 (254) |
| Total weight, lbs (kg) | 50.7 (23) | 39.7 (18) | 37.5 (17) | 24.2 (11) | 22 (10) | 15.5 (7) | 11 (5) | 8.8 (4) |
| Hose length, ft (m) | 5 (1.5) | 5 (1.5) | 6.6 (2) | 6.6 (2) | 6.6 (2) | 6.6 (2) | 6.6 (2) | 6.6 (2) |
| Frequency, vpm | 15 000 | 15 900 | 16 000 | 17 500 | 18 000 | 18 000 | 19 000 | 21 000 |
| Working pressure, psi (Bar) | 87 (6) | 87 (6) | 87 (6) | 87 (6) | 87 (6) | 87 (6) | 87 (6) | 87 (6) |
| Air consumption cfm (m3/min) | 67.0 (1.9) | 63.5 (1.6) | 45.9 (1.3) | 35.3 (1.0) | 35.3 (1.0) | 24.7 (0.7) | 16.2 (0.46) | 12.7 (0.36) |
| Weighted effective acceleration, m/s ² | 2.91 | 1.95 | 2.4 | 2.1 | 2.1 | 2.4 | 1.0 | 0.5 |
| Sound power Lpa dB(A) | 96.3 | 94.00 | 98 | 94 | 95 | 95.8 | 89.2 | 84.5 |

Weighted effective acceleration measured in water driving one vibrator, on the hose, at 2 m from the end of the vibrator (m/s²), according to ISO 5349.

Noise level measured in air at 1 m from the vibrator dB(A), according to ISO 6081. Uncertainty: ± 3 dB.

Suitable for all concrete mixes on civil engineering sites and in precast factories. A single moving part facilitates seamless operation. No regular maintenance required. Available with quick-release brackets.



HUSQVARNA EP AND ER SERIES | EXTERNAL VIBRATORS

MAKE SURE TO GET GOOD EXTERNAL VIBRATIONS

Husqvarna offers a wide range of external vibrators – from high speed pneumatic to normal frequency electric – all with adjustable centrifugal force. To improve flexibility and cost-effectiveness, the pneumatic vibrators are mounted on quick-release brackets.

This makes them easier to move, so fewer units are required. High-quality components and materials help keep life cycle and maintenance costs down.

ER ELECTRIC VIBRATORS

The ER series provides high centrifugal force. ER 705 and ER 505 are optimized for horizontal applications but also perform impressively in vertical applications, making them ideal for heavy-duty work in precast factories.



EP PNEUMATIC VIBRATORS

The EP series is suitable for all concrete mixes on civil engineering sites and in precast factories. A single moving part facilitates seamless operation. Integrated noise reduction makes these vibrators very quiet. Also features quick-release brackets.

ADJUSTABLE CENTRIFUGAL FORCE

You have the flexibility to adjust as you like to suit the job at hand.



QUICK-RELEASE BRACKETS

Quick-release brackets allow you to secure the vibrator and increase flexibility during use.

| HIGH SPEED PNEUMATIC VIBRATORS | EP 601 B | EP 371 B | EP 271 B | EP 121 B |
|--------------------------------|-----------|-------------|-----------|-----------|
| Part Numbers | 967970001 | 967969901 | 967969801 | 967969701 |
| Part Number (Bracket) | 597157101 | 597157101 | 597157201 | 597157201 |
| Speed, rpm | 8800 | 9350 | 9350 | 9000 |
| Max. centrifugal force, N | 31500 | 26800 | 10350 | 8100 |
| Air consumption, l/min | 1400 | 1400 | 1200 | 1200 |
| Weight, lbs (kg) | 40 (18) | 36.4 (16.5) | 22 (10) | 21 (9.5) |
| Bracket attachment | VT4 | VT4 | VT2 | VT2 |

| NORMAL SPEED ELECTRIC VIBRATORS | ER 705 | ER 505 |
|---------------------------------|---------------|--------------|
| Part Number | 967969602 | 967973002 |
| Part Number (Bracket) | — | 597267501 |
| Speed, rpm | 3000 | 3000 |
| Max. centrifugal force, N | 16000 | 7400 |
| Amperage, at 230V/460V, A | 4.16/2.08 | 2.00/1.00 |
| Weight, lbs (kg) | 103.2 (46.80) | 48.5 (22.00) |



HUSQVARNA BV SERIES | CONCRETE LEVELLING – WALK-BEHIND SCREEDS

EASY SCREEDING FOR FIRST-CLASS RESULTS

Husqvarna walk-behind screeds are reliable tools that get the job done fast and easily. The models range from manual to gas-powered vibrating screeds. You can use the motorized vibrating screed models directly on thin slabs up to 4 in (100 mm) (BV 30) and 6 in (150 mm) (BV 20 G) with only vibrating the edges beforehand.

The lightweight, non-corrosive design with aluminum/magnesium profiles allows for easy handling and maintenance, while the quiet and fuel-efficient Honda 4-stroke engines ensure reliable operation. For perfect results, the vibration force is adjustable by the engine speed on the gas-powered models.

LONG REACH

The standard inter-connectable handle makes it possible to work from outside the slab with a total reach of 11.8 ft (3.6 m). The optional extra handle gives you a total reach of 17.7 in (5.4 m).

HUSQVARNA BV 20 H



BV 20 G

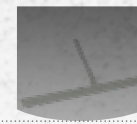
BV 30

BV 20 H

2 in (50 mm)

4 in (100 mm)

6 in (150 mm)



IN-DEPTH ACTION

On thin slabs up to 4 in (100 mm) (BV 30) and 6 in (150 mm) (BV 20 G) no vibration is needed beforehand.

ALWAYS NIMBLE

The lightweight design and articulated handle make it easy to operate.

SPEED ADJUSTMENT

All of our models, except the manually operated BV 20 H, comes with speed adjustment possibilities.

QUALITY THAT LASTS

There's little need for maintenance thanks to lightweight non-corrosive aluminium profiles and high-quality drive units.

PROFESSIONAL RESULTS, EVERY TIME

The rigid bottom plate features a V-shaped profile that drives excess concrete backwards, which refills operator foot marks.

HUSQVARNA BV 30



| TYPE | BV 20 G | BV 20 H |
|---|----------------------------|-----------|
| Part number | 967856201 | 967856101 |
| Working width, ft. (m) | 6 (2) | 6 (2) |
| Operating weight, lbs (kg) | 43 (19.8) | 15 (7.0) |
| Engine type | Honda GX25 N S3, 4-strokes | — |
| Power at 7000 rpm, hp (kW) | 1 (0.72) | — |
| Fuel tank capacity, qts (L) | 0.15 (0.58) | — |
| Transmission | Direct | — |
| Speed, rpm | 4 000 to 7 000 | — |
| Max bullfloat pitch | 15° | 15° |
| Centrifugal force, Lbf (N) | 247 (1100) | — |
| Weighted effective acceleration, m/s ² | 3.2 | — |
| Sound power Lpa dB(A) | 91 | 0 |

Noise level, in dB (A), measured in the air at 1 m from the beam in accordance with standard ISO 11201. Uncertainty: ± 3 dB. Weighted rms acceleration measured at the wrist (m/s²), in accordance with standard ISO 5349.

| TYPE | BV 30 |
|---|---------------------------|
| Part number | 967856301 |
| Working width, in. (m) | See screed blade lengths |
| Operating weight, lbs (kg) | 30 (14) |
| Engine type | Honda GX35 OHC, 4-strokes |
| Power at 7000 rpm, hp (kW) | 1.6 (1.0) |
| Fuel tank capacity, qts (L) | 0.17 (0.65) |
| Transmission | Centrifugal clutch |
| Speed, rpm | 2000 to 7400 |
| Centrifugal force Lbf (N) | 777 (3460) |
| Weighted effective acceleration, m/s ² | 3.25 |
| Sound power Lpa dB(A) | 108 |

| SCREED BLADE LENGTHS | LENGTH, FT (M) | WEIGHT, LBS (KG) | PART NUMBERS |
|----------------------|----------------|------------------|--------------|
| Screed blade, 6 ft | 6 (1.8) | 14.3 (6.5) | 967858701 |
| Screed blade, 8 ft | 8 (2.4) | 17.6 (8) | 967858801 |
| Screed blade, 10 ft | 10 (3.0) | 21.2 (9.6) | 967858901 |
| Screed blade, 12 ft | 12 (3.6) | 24.7 (11.2) | 967859001 |
| Screed blade, 14 ft | 14 (4.2) | 28.2 (12.8) | 967859101 |



HUSQVARNA BE/BD SYSTEM | DOUBLE BEAM SCREEDS

DOUBLE FUNCTIONS, TWICE THE EFFECT

The double beam screeds in the Husqvarna BE/BD system combine with a powerful BE drive unit to produce vibrations down to a thickness of 6 in (150 mm). With BD double beam lengths from 10.5 ft (3.2 m) to 20 ft (6.2 m) you can work on any medium to large flooring construction sites.

You can use the BD double beam screeds for both surface vibration and leveling by rotating the drive unit 90 degrees. The sturdy, yet lightweight aluminum design allows for easy handling and excellent balance to achieve even concrete floors.

EFFICIENT VIBRATION

Our double screeds come with 4 in (100 mm) profile height, producing vibrations down to a thickness of 6 in (150 mm). The lightweight profile enables a higher stroke, resulting in efficient work in different conditions.

HIGHLY DURABLE AND EASY TO MOVE

Lightweight, non-corrosive aluminium alloy makes for easy handling and transportation.

EASY CLEANING

Parts exposed to wet concrete have smooth, easy-clean surfaces.



HUSQVARNA BE 30

BE 30



2 in (50 mm)

4 in (100 mm)

6 in (150 mm)

IN-DEPTH ACTION

On thin slabs up to 6 in (150 mm) no vibration is needed beforehand.

| DRIVE UNIT | BE 30 |
|-----------------------------|---------------------------------------|
| Part Number | 967941202 |
| Drive model | HONDA GX120 UT1 SXS4 SD – 4 stroke |
| Power, kW | 3.5 for 3,600 rpm (2.6 for 3,600 rpm) |
| Speed, r.p.m. | 3,600 |
| Direction of rotation | Counterclockwise |
| Tank capacity, gal (liters) | .5 (2) |
| Starting | Recoil Starter |
| Sound Pressure Lpa dB(A) | 75.7 |
| Sound Power Lw dB(A) | 103.8 |
| Total weight, lbs (kg) | 70.5 (32) |

| DOUBLE BEAM SCREEDS | BD 32 | BD 42 | BD 52 | BD 62 |
|------------------------|------------|------------|------------|------------|
| Part Number | 967956001 | 967956101 | 967956201 | 967956301 |
| Height, in (mm) | 4 (100) | 4 (100) | 4 (100) | 4 (100) |
| Length, ft (m) | 10.5 (3.2) | 13.8 (4.2) | 17 (5.2) | 20 (6.2) |
| Width, in (mm) | 15.7 (400) | 15.7 (400) | 15.7 (400) | 15.7 (400) |
| Total weight, lbs (kg) | 70 (32) | 90 (41) | 103 (47) | 125.6 (57) |



HUSQVARNA BT 90 AND SV SYSTEMS | MODULAR TRUSS SCREEDS

EFFICIENT LEVELING OF WIDE CONCRETE SURFACES

Our modular truss screed systems are engineered to handle your biggest challenges. Assemble, adjust camber and go to work on anything from floors to bridges. Husqvarna BT 90 truss screed system is engineered to handle concrete surfaces with a width of up to 82 ft (25 m).

Husqvarna SVG is a lightweight, easy-to-assemble truss screed system, ideal for large surfaces and medium to high slump concrete. Handles depths of up to 6 in (150 mm) with a production rate of 3.3 ft/min (1 m/min).

BUILT-IN WINCHES

Winches equipped with 98 ft (30 m) of steel wire enable continuous screeding.

SMART DESIGN

A precision turn-buckle allows you to camber the screed sections independently.

ENGINEERED TO LAST

Triangular frames and square tubes provide better rigidity. Oscillating bearings with grease nipples extend the product's life-time and serviceability.

SMOOTH POWER

Small rubber crosses create an angle of 2.5° between each section.

EASY SETUP

Can be easily assembled by a single operator. The truss screeds allow a working width of 65.6 ft (20 m).

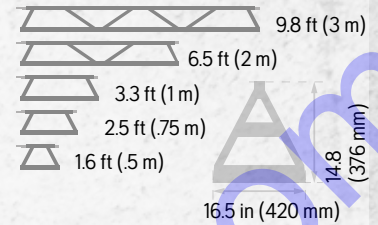
BUILT TO PERFORM

The low profile steel frame ensures durability, while the low centre of gravity provides stability in low slump concrete.

ENERGY



MODULES



CONSISTENCY

Low to high slump

ADJUSTABLE CAMBER +/- 15°



Examples of possible surfaces:



HUSQVARNA SVE



EVEN, CONTINUOUS PULL

Winches on both sides are equipped with 98 ft (30 m) of steel wire. This allows continuous work over longer distances.

HIGH PRODUCTIVITY

Once the selected rail system has been set-up, slabs can be made at a rate of 3.3 ft (1 m per minute).

| BT 90 MODULAR SCREEDS | GAS | PNEUMATIC |
|-------------------------------------|---------------------------------------|---------------------|
| Part Number | 967941103 | 967941108 |
| Powered by | — | 3–6 bars |
| Input, hp (kW) | 6.7 at 2900 r.p.m. (5 at 2900 r.p.m.) | — |
| Minimum air flow, m ³ /m | — | 0.26 |
| Frequency, rpm | 2900 | — |
| Maximum screed length, ft (m) | 65 (20) | 82 (25) |
| Working length, in (mm) | 22 (560) | 14 (355) |
| Width x height, in (mm) | 23 x 39 (585 x 1000) | 24 x 38 (610 x 970) |
| Weight (of drive unit), lbs (kg) | 205 (93) | 88 (40) |

| SVG MODULAR SCREED | SVG GAS |
|---|--------------|
| Part Number | 967955801 |
| Engine | Honda GX 160 |
| Power, hp (kW) | 5.4 (4.1) |
| Speed, r.p.m. | 3200 |
| Maximum screed length, ft (m) | 82 (25) |
| Sound Pressure Lpa dB(A) | 89 |
| Sound Power Lw dB(A) | 98 |
| Weight, lbs (kg) (including free end – 17 kg) | 167 (76) |

| BT 90 SCREED SECTION | 1.6 FT (.5 MM) ELECTRIC/PETROL | 2.5 FT (.75 MM) ELECTRIC/PETROL | 3.3 FT (1 MM) ELECTRIC/PETROL | 6.6 FT (2 MM) ELECTRIC/PETROL | 10 FT (3 MM) ELECTRIC/PETROL | 3.3 FT (1 MM) PNEUMATIC | 6.6 FT (2 MM) PNEUMATIC | 10 FT (3 MM) PNEUMATIC |
|-------------------------|-----------------------------------|------------------------------------|----------------------------------|----------------------------------|---------------------------------|----------------------------|----------------------------|---------------------------|
| Part Number | 967941104 | 967941116 | 967941105 | 967941106 | 967941107 | 967941109 | 967941110 | 967941111 |
| Height, in (mm) | 14.8 (376) | 14.8 (376) | 14.8 (376) | 14.8 (376) | 14.8 (376) | 14.8 (376) | 14.8 (376) | 14.8 (376) |
| Working length, in (mm) | 19.6 (500) | 29.5 (750) | 39.4 (1000) | 78.7 (2000) | 118 (3000) | 39.4 (1000) | 78.7 (2000) | 118 (3000) |
| Total width, in (mm) | 16.5 (420) | 16.5 (420) | 16.5 (420) | 16.5 (420) | 16.5 (420) | 16.5 (420) | 16.5 (420) | 16.5 (420) |
| Weight, lbs (kg) | 53 (24) | 61.7 (28) | 70.5 (32) | 125.6 (57) | 180 (82) | 70.5 (32) | 127 (58) | 183 (83) |

| SVG SCREED SECTION | 1.6 FT (.5 MM) | 2.5 FT (.75 MM) | 3.3 FT (1 MM) | 6.6 FT (2 MM) | 10 FT (3 MM) |
|-------------------------|----------------|-----------------|---------------|---------------|--------------|
| Part Number | 967955901 | 967955902 | 967955903 | 967955904 | 967955905 |
| Height, in (mm) | 515 | 515 | 515 | 515 | — |
| Working length, in (mm) | 19.6 (500) | 29.5 (750) | 39.2 (997) | 78.6 (1998) | 118 (2998) |
| Total width, in (mm) | 15 (380) | 15 (380) | 15 (380) | 15 (380) | 15 (380) |
| Total weight, lbs (kg) | 42.7 (19.4) | 44 (20) | 46.7 (21.2) | 85 (38.4) | 122 (55.4) |



HUSQVARNA CRT SERIES | RIDE-ON TROWELS

TACKLE BIG SLABS IN TOTAL CONFIDENCE

When finishing concrete slabs, challenges can be many. Worrying about equipment should not be one of them. Our complete new range of ride-on trowels will enable you to achieve great results on any job site, no matter the size. The ride-on trowels offer the torque, speed and smart features to finish the job at hand with confidence, while delivering exceptional floor flatness (FF).

The new range of ride-on trowels consists of 6-foot, 8-foot and 10-foot machines. All machines have an excellent power-to-weight ratio, providing adequate power to the rotors and ensuring high driving speed.

HUSQVARNA CRT 48

OPTIMUM MANEUVERABILITY

Thanks to its balanced power-to-weight ratio and ergonomic twin lever controls.



GOOD VISIBILITY

Front and rear lights are standard to enable you to perform in dim light and during night.

SMOOTH AUTOMATIC OPERATION

A variable clutch offers proper torque and speed range to match concrete conditions without mechanical adjustments. Since the clutch helps to keep constant torque the belt life is prolonged.

HIGH PRODUCTIVITY AND GREAT FINISHES

Thanks to top blade speeds.

CHOOSING THE RIGHT TROWEL SIZE FOR THE JOB

CRT 60

Twin 60" diameter non-overlapping blades: large surfaces; provides highest FF numbers (floor flatness); counter-rotational machine allows forward travel along edges and reduces overlap effect. Can be used with a pan float.

CRT 48

Twin 48" diameter non-overlapping blades: medium to large surfaces. Can be used with a pan float.

CRT 36

Twin 36" diameter non-overlapping blades: easiest machine to control, ideal for finishing small to medium sized surfaces. Can be used with a pan float.

SIZE OF THE SURFACE



20,000-50,000+ sq ft



10,000-20,000 sq ft



3,000-10,000 sq ft



| RIDE-ON TROWELS | CRT 60X | | CRT 48 | |
|--------------------------------------|---------------|-------------------|-------------------|-----------------------------|
| | CRT-60-74LX | CRT48-57K | CRT48-37V | CRT48-33K / CRT48-33K-DF |
| L x W x H Operating in | 127 x 65 x 57 | 101 X 51 X 59 | 101 x 51 x 58 | 101 x 51 x 58 |
| Shipping weight lb | 2,970 | 1,768 | 1,575 | 1,620 |
| Operating weight lb | 2,720 | 1,428 | 1,205 | 1,280 |
| Troweling diameter in | 59 | 48 | 48 | 48 |
| Quantity of blades | 12 | 10 | 10 | 10 |
| Pitch range ° | 0 - 25 | 0 - 25 | 0 - 25 | 0 - 25 |
| Rotor speed (min. / max.) rpm | 25/132 | 25/150 | 25/170 | 25/160 |
| Engine / Motor manufacturer | Kohler | Kubota | Briggs & Stratton | Kubota |
| Operating performance (SAE J1349) hp | | | 37 | 32.4 |
| Operating performance (SAE J1995) hp | 74 | 57 | | |
| RPM / speed Operating rpm | 2,600 | 3,600 | 4,000 | 3,600 |
| Engine oil US qt | 9 | | | |
| Fuel type | Diesel | Unleaded Gasoline | Unleaded Gasoline | Unleaded Gasoline / LP** |
| Fuel consumption US gal/h | 3.3 | 2.5 | 2.8 | 3 |
| Tank capacity Fuel US gal | 12 | 6.5 | 6.5 | 6.5 |
| Retardant tank capacity gal | 12 | 6.5 | 6.5 | 6.5 |
| Tank capacity Oil US qt | | 1.59 | 2.4 | 3.6 |
| Runtime h | 3.6 | | | |
| PART NUMBER | 970 46 18-01 | 970 46 16-03 | 970 46 16-04 | 970 46 16-07 / 970 46 16-08 |

** For Dual Fuel Model Only



| RIDE-ON TROWELS | CRT 48-PS | | CRT 36 |
|--------------------------------------|-------------------|-------------------|---|
| | CRT48-37V-PS | CRT48-57K-PS | CRT36-26A |
| L x W x H Operating in | 101 x 51 x 58 | 101 x 51 x 59 | 80 x 41 x 54 |
| Shipping weight lb | 1,664 | 1,796 | 1,050 |
| Operating weight lb | 1,300 | 1,456 | 830 |
| Troweling diameter in | 48 | 48 | 36 |
| Quantity of blades | 10 | 10 | 8 |
| Pitch range ° | 0 - 25 | 0 - 25 | 0 - 25 |
| Rotor speed (min. / max.) rpm | 25/170 | 25/150 | 25/165 |
| Engine / Motor manufacturer | Briggs & Stratton | Kubota | Honda |
| Operating performance (SAE J1349) hp | 37 | | 22.2 |
| Operating performance (SAE J1995) hp | | 57 | |
| RPM / speed Operating rpm | 4,000 | 3,600 | 3,600 |
| Fuel type | Unleaded Gasoline | Unleaded Gasoline | Unleaded Gasoline |
| Fuel consumption US gal/h | 2.8 | 2.5 | 2.4 |
| Tank capacity Fuel US gal | 6.5 | 6.5 | 6.5 |
| Retardant tank capacity gal | 6.5 | 6.5 | |
| Tank capacity Oil US qt | 2.4 | 6.3 | 2.1 |
| Runtime h | 2.5 | 2.6 | 3.3 |
| PART NUMBER | 970 46 16-06 | 970 46 16-11 | 970 46 14-01 / 970 46 14-02 with wheel kit |

ACCESSORIES FOR CRT 60X

- 598 93 08-01 FLOAT PAN 60"
- 598 93 07-02 BLADE SET COMBO Blades | Set of 4 | 60"
- 598 93 07-01 BLADE SET Finish Blades | Set of 4 | 60"

ACCESSORIES FOR CRT 48-PS

- 598 92 98-01 BLADE SET Finish Blades | Set of 4 | 48"
- 598 92 98-02 BLADE SET COMBO Blades | Set of 4 | 48"
- 598 93 02-03 PAN PAK 2 PC | SUPER FLAT | 5-BLADE | 48"
- 598 93 03-03 PAN PALLET 10 PC | SUPER FLAT | 5-BLADE | 48"
- 598 93 02-04 PAN PAK 2 PC | FLAT FLOAT | 5-BLADE | 48"
- 598 93 03-04 PAN PALLET 10 PC | FLAT FLOAT | 5-BLADE | 48"
- 598 92 90-01 TRANSPORT TROLLY Wheel Kit
- 598 92 99-01 TRANSPORT WHEEL Replacement Wheels (2)
for WK 598 92 90-01
- 598 92 91-01 WEIGHT KIT SET OF 2 (10 lbs each)

ACCESSORIES FOR CRT 48

- 598 92 98-01 BLADE SET Finish Blades | Set of 4 | 48"
- 598 92 98-02 BLADE SET COMBO Blades | Set of 4 | 48"
- 598 93 02-03 PAN PAK 2 PC | SUPER FLAT | 5-BLADE | 48"
- 598 93 03-03 PAN PALLET 10 PC | SUPER FLAT | 5-BLADE | 48"
- 598 93 02-04 PAN PAK 2 PC | FLAT FLOAT | 5-BLADE | 48"
- 598 93 03-04 PAN PALLET 10 PC | FLAT FLOAT | 5-BLADE | 48"

ACCESSORIES FOR CRT 36

- 598 92 95-01 BLADE SET Finish Blades | Set of 4 | 36"
- 598 92 95-02 BLADE SET COMBO Blades | Set of 4 | 36"
- 598 93 02-01 PAN PAK 2 PC | 36"
- 598 93 03-01 PAN PALLET 10 PC | FLAT FLOAT | 36"



USE YOUR CONCRETE TROWEL TO POLISH CONCRETE FLOORS WITH HIPERTROWEL™

As a specialist in concrete troweling you have a unique opportunity to grow your business. Polished concrete floors are continuously growing as a preferred choice in industrial flooring thanks to their low life cycle cost and easy maintenance properties.

The Husqvarna Hipertrowel™ system is ideal for large, unobstructed areas and where the surface flatness is already sufficient.

Contact your local Husqvarna application specialists to guide and support you.



WHAT TYPE OF PROJECTS ARE SUITABLE?

The Hipertrowel™ method is ideal for industrial floors from 5,000 sq ft and up. Both newly poured slabs and older, pre-existing floors can be processed with the Hipertrowel™ system.

HIPERTROWEL™ IS THE IDEAL SOLUTION WHEN

- Time is the most critical parameter
- The surface is 5,000 sq ft or more
- There are no obstacles (pillars etc.)
- The floor does not need to be leveled
- No aggregate needs to be exposed
- Wet grinding is not an issue
- A good slurry management system is on site

WHAT END-RESULT CAN YOU PRODUCE?

The Hipertrowel™ system allows you to produce a nice salt and pepper-looking industrial floor with a satin or glossy finish.

BEFORE:

Troweled concrete surface



AFTER:

Glossy salt and pepper surface



FAST INDUSTRIAL CONCRETE POLISHING

UP TO
10,000 ft²
PER DAY



Production rates can vary significantly depending on the process chosen and the end-result you want to achieve. Also, size of the floor, concrete quality and hardness as well as obstacles on the floor impact productivity.

FIND OUT MORE AT:
WWW.HUSQVARNACP.COM



HUSQVARNA CT SERIES AND BG 245 | WALK-BEHIND TROWELS

STAY IN CONTROL AND PERFORM

Husqvarna walk-behind trowels are powerful machines, developed to deliver a smooth and durable concrete surface without compromising the operator's productivity and safety. The range consists of both electric and gas-powered machines ranging from 23.6 in (600 mm) to 48 in (1,220 mm) diameter.

When you choose a walk-behind trowel, you should consider the size of the surface, the type of concrete, weather conditions and any obstacles or narrow doorways.

VARIABLE SPEEDS

Low speeds for floating, high speeds for burnishing. For wider speed range choose our models equipped with CVT clutch.

GYROSCOPIC STOP FOR SAFETY

Gyroscopic safety sensor and engine speed limiter provide operator protection by stopping handle rotation within three-quarters turn.

VERSIONS FOR EVERY JOB AND PREFERENCE

Different engine options and handle type can be selected to meet individual preferences and job site conditions.

MAXIMUM CONTROL AND NEARLY EFFORTLESS OPERATION

Patented dynamically balanced trowels (when blades are turning) gives you the same performance at all speeds with all types of blades including float pans. Perfect results in all edging areas and in small areas.

OPTIMAL CONCRETE BURNISHING

Possible to adjust blade pitch up to 30°.



CHOOSING THE RIGHT TROWEL SIZE FOR THE JOB

CT 48

48-inch diameter trowel for large coverage, medium to large pours, all types of floors.

CT 36

36-inch diameter trowel for good coverage, used on small to medium pours, all types of floors.

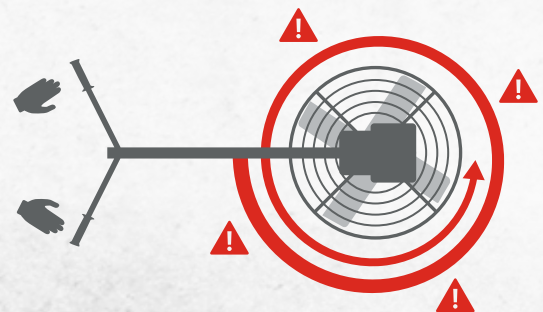
BG 245

24-inch diameter trowel for ideal finishing around plumbing pipe, edges and small doorways.

SAFETY STOP

BUILT WITH PRODUCTIVITY AND SAFETY IN MIND

On the CT range a gyroscopic sensor and gearbox brake detects the motion of the handle and stops the engine and handle rotation, preventing the operator from being struck by a runaway handle. BG 245 is equipped with QUICKSTOP™ that disengages the drive train from the power train, if the handle is released, which makes rotation impossible.





| WALK-BEHIND TROWELS | CT 48 | | |
|-------------------------------|---|---|---|
| | CT48-13A-V | CT48-11A | CT48-8A |
| Weight (Operating) lb | 268 | 250 | 234 |
| Troweling diameter in | 48 | 48 | 48 |
| Pitch range ° | 0-30 | 0-30 | 0-30 |
| Rotor speed (min. / max.) rpm | 25/200 | 60/125 | 60/125 |
| Quantity of blades | 4 | 4 | 4 |
| Engine / Motor manufacturer | Honda | Honda | Honda |
| Engine / Motor type | GX 390 | GX 340 | GX 240 |
| Power, hp @ 3600 rpm | 11.7 | 10.7 | 7.1 |
| Fuel consumption US gal/h | 0.71 | 0.71 | 0.71 |
| Tank capacity US qt | 6.5 | 6.5 | 6.4 |
| PART NUMBER | 970 46 56-05 with adjustable twist pitch handle 970 46 56-06 with adjustable Pro-Shift® handle | 970 46 56-04 with adjustable twist pitch handle | 970 46 56-01 with twist pitch handle 970 46 56-02 with adjustable twist pitch handle 970 46 56-03 with adjustable Pro-Shift® handle |



| WALK-BEHIND TROWELS | CT 36 | | |
|-------------------------------|---|---|--|
| | CT36-8A | CT36-8A-V | CT36-5A |
| Weight (Operating) lb | 208 | 208 | 183 |
| Troweling diameter in | 36 | 36 | 36 |
| Pitch range ° | 0-30 | 0-30 | 0-30 |
| Rotor speed (min. / max.) rpm | 60/125 | 25/200 | 60/125 |
| Quantity of blades | 4 | 4 | 4 |
| Engine / Motor manufacturer | Honda | Honda | Honda |
| Engine / Motor type | GX 240 | GX 240 | GX 160 |
| Power, hp @ 3600 rpm | 7.1 | 7.1 | 4.8 |
| Fuel consumption US gal/h | 0.71 | 0.71 | 0.48 |
| Tank capacity US qt | 6.4 | 6.4 | 3.8 |
| PART NUMBER | 970 46 55-04 with adjustable twist pitch handle 970 46 55-05 with adjustable Pro-Shift® handle | 970 46 55-06 with adjustable twist pitch handle 970 46 55-07 with adjustable Pro-Shift® handle | 970 46 55-01 with twist pitch handle 970 46 55-02 with adjustable twist pitch handle 970465503 with adjustable Pro-Shift® handle |

| WALK-BEHIND TROWELS | BG 245 |
|-------------------------------|-----------------|
| | BG 245 H4 BC TP |
| Weight (Operating) lb | 132 |
| Troweling diameter in | 24 |
| Pitch range ° | 0-18 |
| Rotor speed (min. / max.) rpm | 40/115 |
| Quantity of blades | 4 |
| Engine / Motor manufacturer | Honda |
| Engine / Motor type | GX 120 |
| Power, hp @ 3600 rpm | 7.1 |
| Fuel consumption US gal/h | 0.27 |
| Tank capacity US qt | 0.53 |
| PART NUMBER | 967 92 88-01 |





ACCESSORIES FOR CT 48 | **ACCESSORIES FOR CT 36**

- 598 92 98-01 BLADE SET Finish Blades | Set of 4 | 48"
- 598 93 02-02 PAN PAK 2 PC | SUPER FLAT | 4-BLADE | 48"
- 598 93 03-02 PAN PALLET 10 PC | SUPER FLAT | 4-BLADE | 48"
- 598 92 98-02 BLADE SET COMBO Blades | Set of 4 | 48"
- 598 92 73-02 LIFTING BRACKET 48"
- 598 92 88-02 LIFT KIT, 48" (for use with a 2x4)
- 598 92 91-01 WEIGHT KIT SET OF 2 (10 lbs each)
- 598 92 89-01 BOTTLE HOLDER BRACKET KIT

- 598 92 95-01 BLADE SET Finish Blades | Set of 4 | 36"
- 598 92 95-02 BLADE SET COMBO Blades | Set of 4 | 36"
- 598 92 73-01 LIFTING BRACKET 36"
- 598 92 88-01 LIFT KIT, 36" (for use with a 2x4)
- 598 92 91-01 WEIGHT KIT SET OF 2 (10 lbs each)
- 598 92 89-01 BOTTLE HOLDER BRACKET KIT

ACCESSORIES FOR BG 245

- 596 19 23-01 BG 245 wheel kit



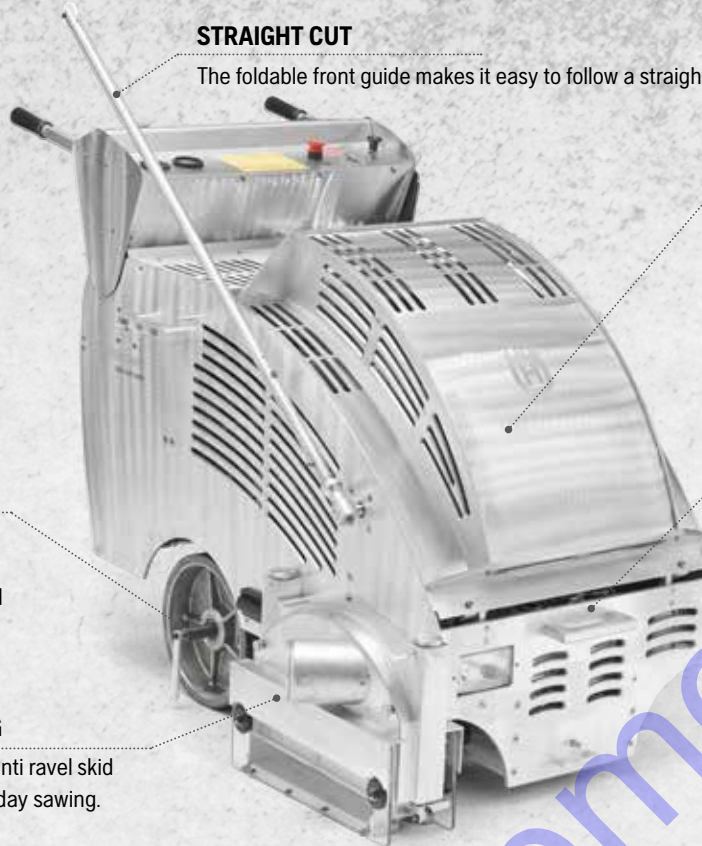
HUSQVARNA ULTRA EARLY ENTRY™ SAW | SOFF-CUT®

CUT ULTRA-EARLY FOR STRAIGHT LINES – DON'T WAIT FOR RANDOM CRACKS

Husqvarna Soff-Cut is ideal for the Ultra Early Entry™ sawing of contraction joints after pouring concrete slabs. The system is designed to minimize the risk of random cracks – one of the most costly and aggravating problems faced by concrete contractors.

The main benefits are the high production rates, the ability to pour and cut concrete on the same day, and of course, the nice, straight line achieved by only cutting shallow depths.

HUSQVARNA SOFF-CUT 4200



STRAIGHT CUT

The foldable front guide makes it easy to follow a straight line for the cut.

STURDY PROTECTION

The high-strength, lightweight aluminium frame protects the engine.

MINIMAL FOOTPRINT

Smart design, lightweight frame and wide wheels ensure minimal machine footprint on the concrete.

LESS NOISE AND DUST

The blade block enclosure reduces noise while the created dust can optionally be vacuumed directly through the VAC port.

NO CHIPPING AND SPALLING

Up-cut rotating diamond blade, anti ravel skid plate and arbor allows for same-day sawing.

| ULTRA EARLY ENTRY™ SAW* | SOFF-CUT 5000 | SOFF-CUT 4200 | SOFF-CUT 4000 | SOFF-CUT 2500 | SOFF-CUT 2000 | SOFF-CUT 150 | SOFF-CUT 150 D |
|-----------------------------|---------------|---------------|---------------|---------------|---------------|--------------|----------------|
| Part Number | 966845704 | 966845605 | 966845506 | 966845403 | 966845304 | 966844811 | 966844810 |
| Engine manufacturer | Kohler | Kohler | Kohler | Kohler | Kohler | Kohler | Kohler |
| Max power, hp (kW)** | 25 (18) | 22 (16) | 20 (15) | 11 (8) | 9 (7) | 5.5 (4.1) | 5.5 (4.1) |
| Max blade diameter, in (mm) | 14 (350) | 14 (350) | 14 (350) | 10 (254) | 10 (254) | 6.5 (165) | 4 (101) |
| Max depth of cut, in (mm) | 3 (76) | 3 (76) | 2-3/4 (76) | 1-1/2 (38) | 1-1/2 (38) | 1-1/2 (38) | 1/2 (12) |
| Weight, lbs (kg) | 495 (225) | 488 (221) | 420 (191) | 347 (157) | 317 (144) | 87 (39) | 97 (44) |
| CE certified | - | - | Yes | - | Yes | Yes | Yes |

* With VAC port. ** As rated by the engine manufacturer.



XL SERIES BLADES

| BLADE COLOR / PRODUCT | XL-1000 | XL-2000 | XL-3000 | XL-4000 | XL-5000 | XL-6000 |
|--|---------|---------|---------|---------|---------|---------|
| MATERIAL | | | | | | |
| ULTRA-HARD AGGREGATE, NON-ABRASIVE SAND (FLINT) | ● ● ● | - | - | - | - | - |
| HARD AGGREGATE, NON-ABRASIVE SAND (CHERT) | ● ● | ● ● ● | ● ● ● | - | - | - |
| MEDIUM TO HARD AGGREGATE, MEDIUM ABRASIVE SAND (TRAP-ROCK) | ● | ● ● | ● ● ● | - | - | - |
| MEDIUM AGGREGATE, MEDIUM ABRASIVE SAND (QUARTZ) | - | ● | ● ● ● | - | - | - |
| MEDIUM TO SOFT AGGREGATE, ABRASIVE SAND (GRANITE) | - | - | ● ● | ● ● ● | ● ● | - |
| SOFT AGGREGATE, ABRASIVE SAND (LIMESTONE) | - | - | ● | ● ● | ● ● ● | ● ● |
| SOFT AGGREGATE, SOFT LIMESTONE SAND | - | - | - | - | ● ● | ● ● ● |

VARI-CUT® & FLX SERIES BLADES

| BLADE COLOR / PRODUCT | VC - FLX 1000 | VC - FLX 3000 | VC - FLX 4000 |
|--|---------------|---------------|---------------|
| ULTRA-HARD AGGREGATE, NON-ABRASIVE SAND (FLINT) | ● ● ● | - | - |
| HARD AGGREGATE, NON-ABRASIVE SAND (CHERT) | ● ● | - | - |
| MEDIUM TO HARD AGGREGATE, MEDIUM ABRASIVE SAND (TRAP-ROCK) | ● | ● ● ● | - |
| MEDIUM AGGREGATE, MEDIUM ABRASIVE SAND (QUARTZ) | - | ● ● | ● ● |
| MEDIUM TO SOFT AGGREGATE, ABRASIVE SAND (GRANITE) | - | ● | ● ● ● |
| SOFT AGGREGATE, ABRASIVE SAND (LIMESTONE) | - | - | ● ● |

● ● ● = Optimal ● ● = Good ● = Acceptable - = Not recommended

Visit our website for additional blade information

HOW TO SUCCEED WITH YOUR APPLICATIONS

CONCRETE VIBRATION

It is important to vibrate freshly poured concrete. The vibrations make the concrete fill into all spaces of the construction. The process also evacuates air bubbles, optimizes the spread of the aggregate and maximizes cohesion of the cement mix and the rebar. This results in a resistant, long-lasting concrete with the correct calculated strength.

How to succeed with concrete vibration.



DON'T WAIT

Begin vibration when concrete is being poured. Start where the concrete has first been poured. Then follow the concrete as it is poured, vibrating the whole time.



VIBRATE JUST ENOUGH

Stop when the surface becomes shiny or if a large bubble pops up near the vibrator. Don't over-vibrate as this is just as harmful as under vibration or non-vibration.



APPLY IN THE RIGHT ANGLE

Apply the vibrator vertically at an angle of 90 degrees. Never below 45 degrees.

Some helpful tips before vibration.

▶ PLAN THE VIBRATION

Calculate the dip intervals. More power and a larger diameter on the vibrator results in fewer dips, which means higher productivity.

▶ LUBRICATE THE HOSE

Before starting, spray specific shutter plate oil on the vibrator hose. This will help stop concrete sticking to the hose, making it easier to clean afterwards.

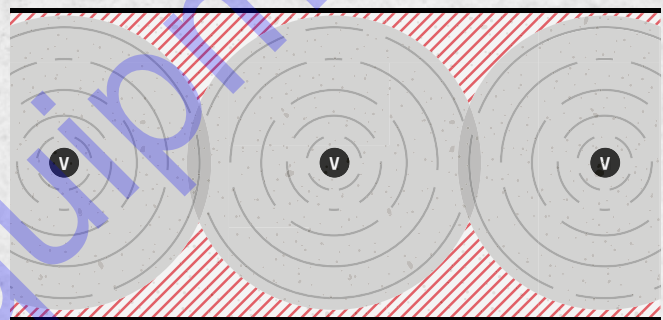
▶ ENSURE CONSISTENT POWER SUPPLY

Electric current should never vary more than +/- 10% as this will affect productivity and the life of the vibrator.

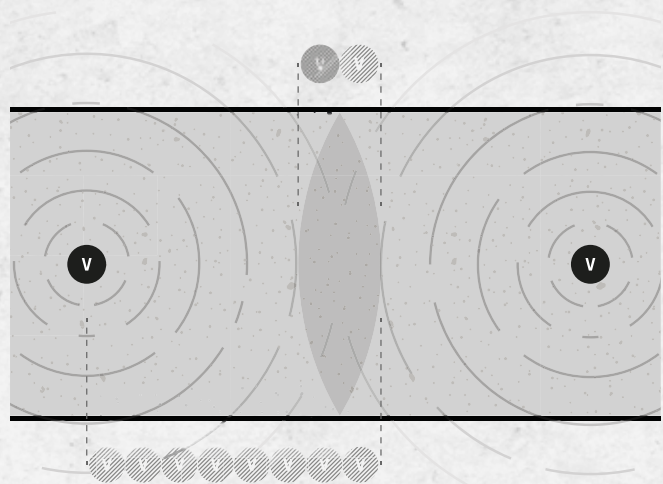
Choose the right size.



The wrong vibrator size and/or placement will result in non-vibrated areas.



Proper vibrator size and placement ensures the entire slab gets vibrated. Optimal vibrator overlap is $2 \times$ vibrator diameter.



Radius of action is $8-12 \times$ vibrator diameter, depending on vibrator.








How to choose the right type of vibrator for your project.

01 Consider the type of application.

●●● = Optimal ●● = Good ● = Acceptable – = Not recommended

| VIBRATOR | SMART | SMART-E | AA | AME 1600 | PV |
|------------------|-------------------------|---------|------------|--------------------|-----------|
| ENERGY | HIGH FREQUENCY ELECTRIC | | MECHANICAL | MODULAR FLEX-SHAFT | PNEUMATIC |
| Columns | ●●● | – | ●● | ●● | ●●● |
| Beams | ●●● | ●● | ●● | ●● | ●●● |
| Walls | ●●● | – | ●● | ●● | ●●● |
| Floors | ●●● | ●●● | ●●● | ●●● | ●●● |
| Bridges | ●●● | – | ● | ●● | ●●● |
| Tunnels | ●●● | ● | – | – | ●●● |
| Foundations | ●●● | – | – | ●● | ●●● |
| Retainings walls | ●●● | – | ●● | ●● | ●●● |
| Car parks | ●●● | ●● | ●●● | ●●● | ●●● |
| Structures | ●●● | ●● | ●● | ●● | ●●● |
| Harbours | ●●● | – | ●● | ●● | ●●● |
| Dams | ●●● | ● | – | – | ●●● |
| Precast form | ●●● | ●●● | ●● | ●● | ●●● |
| Slip form | ●●● | ●●● | – | – | ● |
| Pre-slab | ●●● | ●●● | – | – | ● |

02 Consider the power supply available.

| ENERGY | LARGE JOBS | MEDIUM JOBS |
|--|--|--|
|  ELECTRIC |  SMART/SMART-E |  AME 1600 & AT & SUPERFLEX |
|  GAS | |  AMG 3200 & AA |
|  PNEUMATIC |  PV | |

03 Consider the rebar.



To define the optimal diameter of the vibrator, consider the distance between the rebar. The distance between rebar must be large enough for your vibrator.

04 To choose the optimal radius of action, consider the area of the slab and the slump of the concrete.

| VIBRATOR | SMART | SMART-E | AA | AME 1600 | PV |
|-----------------------------------|---------------|---------------|---------------|---------------|---------------|
| RADIUS OF ACTION | 12×vibrator Ø | 12×vibrator Ø | 10×vibrator Ø | 10×vibrator Ø | 10×vibrator Ø |
| Slump S 5 > 8.6 in (220 mm) | ●●● | ●●● | ●●● | ●●● | ●●● |
| Slump S 4 8.3–6.3 in (210–160 mm) | ●●● | ●●● | ●●● | ●●● | ●●● |
| Slump S 3 6–4 in (150–100 mm) | ●●● | ●●● | ●●● | ●●● | ●●● |
| Slump S 2 3.5–1.9 in (90–50 mm) | ●●● | ●●● | ●●● | ● | ●●● |
| Slump S 1 1.6–.4 in (40–10 mm) | ●●● | ●●● | ● | – | ●●● |

CONCRETE LEVELING AND SURFACING

Leveling ensures every part of the newly poured concrete slab achieves the desired level. Surfacing ensures the finish of the slab suits its intended purpose.

| SURFACE | PRODUCTS |
|---|--|
|  <p data-bbox="105 525 324 546">SCREEDED SURFACE (ROUGH)</p> |  |
|  <p data-bbox="105 749 308 770">FLOATED SURFACE (ROUGH)</p> |  <p data-bbox="1120 745 1153 766">OR</p> |
|  <p data-bbox="105 974 389 995">STEEL TROWELLED SURFACE (SMOOTH)</p> |  <p data-bbox="1120 976 1153 997">OR</p> |

SCREEDS

Screeds are used for leveling a slab and vibrating thinner slabs. For slabs thicker than the screed's vibration depth, use a vibrator.

Consider the following factors when choosing suitable screeding equipment.



Desired levelness or flatness of floor



Area to cover and time available



Available power supply



Type of slump










Thickness of the concrete layer

How to succeed with screeding.





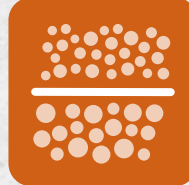
- ▶ Make sure the pouring process is carried out seamlessly, and that you have enough concrete to cover the entire area.
- ▶ Remove the excess concrete with a rake before screeding to ensure optimal flatness.
- ▶ Never step on a slab that has already been screeded.

TROWELS

Trowels are used to finish a concrete floor. They use pressure to make the surface flatter and smoother.

| ENERGY | EDGING Ø 24 in | 0-3,000 sq ft Ø 36 in | 0-3,000 sq ft Ø 48 in |
|---|---|---|---|
|  |  |  |  |
| Gas | BG 245 | CT 36 | CT 48 |
| ENERGY | 3,000-10,000 SQ FT | 10,000-20,000 SQ FT | 20,000-50,000+ SQ FT |
|  |  |  |  |
| Gas | CRT 36 | CRT 48 | CRT 60 |

Consider the following factors when choosing troweling equipment.

| | | | | |
|---|--|--|---|--|
|  |  |  |  |  |
| Area to cover | Usage of discs or blades | Type of slump | Available power supply | Size of the aggregate |

How to succeed with troweling.

- ▶ Begin slowly. When concrete is fresh, it is fragile. If you go too fast, you may flush concrete away and create holes. Increase your speed as the concrete is curing.
- ▶ For the first 1-3 passes, use floating discs or floating blades. For a flatter floor, use a ride-on trowel and more passes.
- ▶ If you require a smoother surface, continue with finishing blades or combination blades.
- ▶ Choose blades made from the right material. Steel and carbon blades are flexible and last longer, but may alter the color of the concrete. If color is important, e.g. when color pigments are mixed in, use plastic blades.
- ▶ High ambient temperatures cause concrete to dry quicker. So, if it is hot outside, the amount of time you have to trowel the concrete is reduced.



EXTEND YOUR BUSINESS

CREATE POLISHED CONCRETE FLOORS USING RIDE-ON TROWELS

Efficiently create sustainable polished concrete floors using trowels. Husqvarna's new optimized Hipertrowel™ concept includes all you need; machine, diamond tools, chemicals and support.

For more information visit our website: www.husqvarnacp.com

CONTRACTION JOINT SAWING

As the concrete slab hydrates and begins to set, it develops internal stresses. These stresses need to be relieved in a controlled way before they seek their own relief in the form of a random crack. By cutting control joints as a final step of the finishing process, you create a pattern of predetermined weakened planes in the concrete that subsequently crack at the bottom of the cuts.

The Ultra Early Entry™ solution.

The Husqvarna Soff-Cut® system is the optimal way to control random cracking. With Ultra Early Entry™ cutting you can control cracking in slabs up to 8.8 in (225 mm) thick, with only a 1 in (25 mm) minimum depth, within the Green Zone™ (1–2 hours after pouring).

How to succeed with Husqvarna Soff-Cut®.

- ▶ Start sawing as soon as you're sure the concrete will support the weight of the saw and operator without marking or damaging the concrete. You don't have a lot of time.
- ▶ Determine the layout of the joints in advance. Ensure straight cuts by drawing guidelines on the surface to follow.
- ▶ Start the job with a new, unused Husqvarna XL Series dry-cutting diamond blade and anti-ravel skid plate.

Consider the following factors when choosing your Soff-Cut machine.



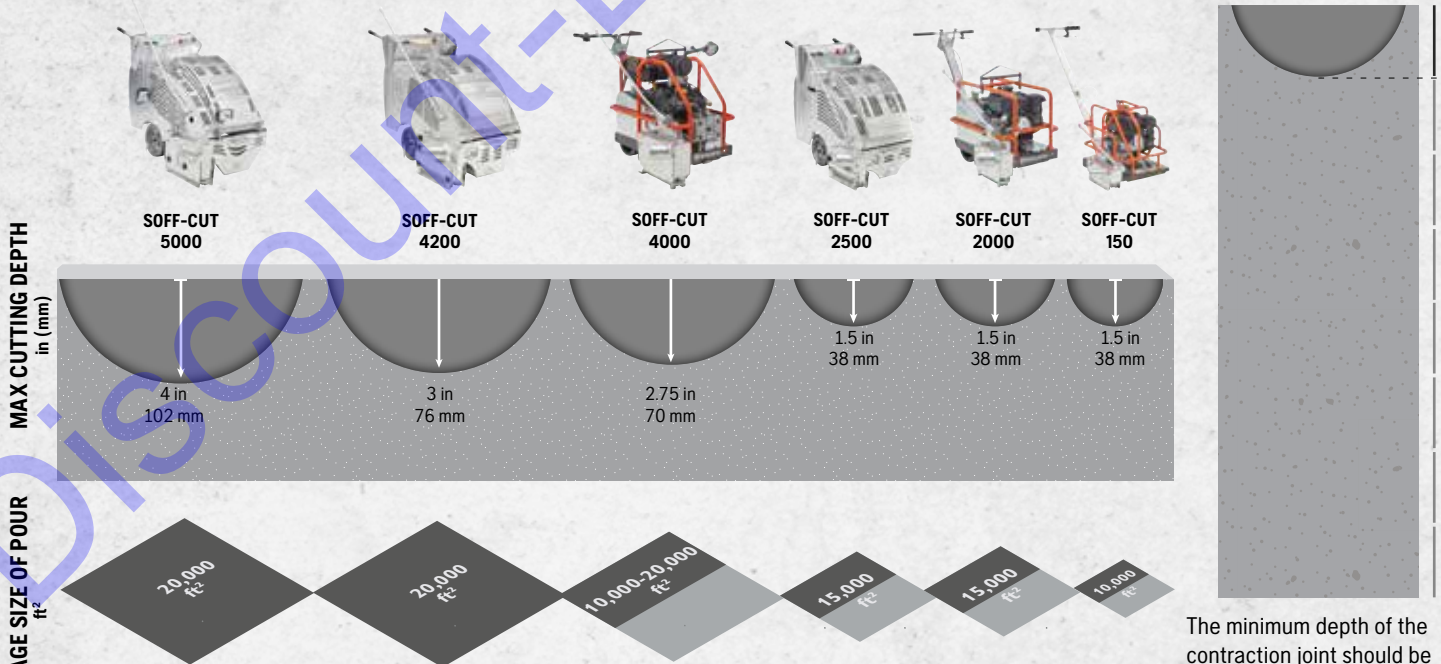
Desired levelness or flatness of floor




Area to cover and time available



Available power supply





A construction worker wearing an orange hard hat with a headlamp, safety glasses, and a high-visibility orange safety vest over a black shirt. He is kneeling and working on a piece of machinery, possibly a concrete pump or similar equipment. The background is a blurred construction site.

HUSQVARNA EXPERTS AT YOUR SERVICE

All concrete equipment from Husqvarna should be easy to use, but also easy to buy, own, service and repair – that's the main idea behind our service concept. At our service centers you'll meet dedicated, highly skilled personnel – experts on Husqvarna concrete equipment.

They know that fast and correct service and repair of the equipment is essential for professional users. To ensure a seamless service process, all authorized Husqvarna service and parts personnel have access to an on-line Service Tool, which supports all service and repair functions, enabling shorter lead times and higher service quality.





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