



SUPERABRASIVE
DIAMOND TOOLS AND EQUIPMENT



**CONCRETE FINISHING
PRODUCT CATALOG**



With over 35 years of manufacturing expertise, Superabrasive delivers equipment and tools engineered for exceptional performance and durability. Discover our new range of power trowels for professional concrete finishing.



**BEST-IN-CLASS EQUIPMENT AND TOOLS
SUPERIOR BY DESIGN. EXCEPTIONAL BY RESULTS.**

SP10HD

DEFINING THE NEXT GENERATION
OF HEAVY-DUTY HYDRAULIC RIDE-ON TROWELS

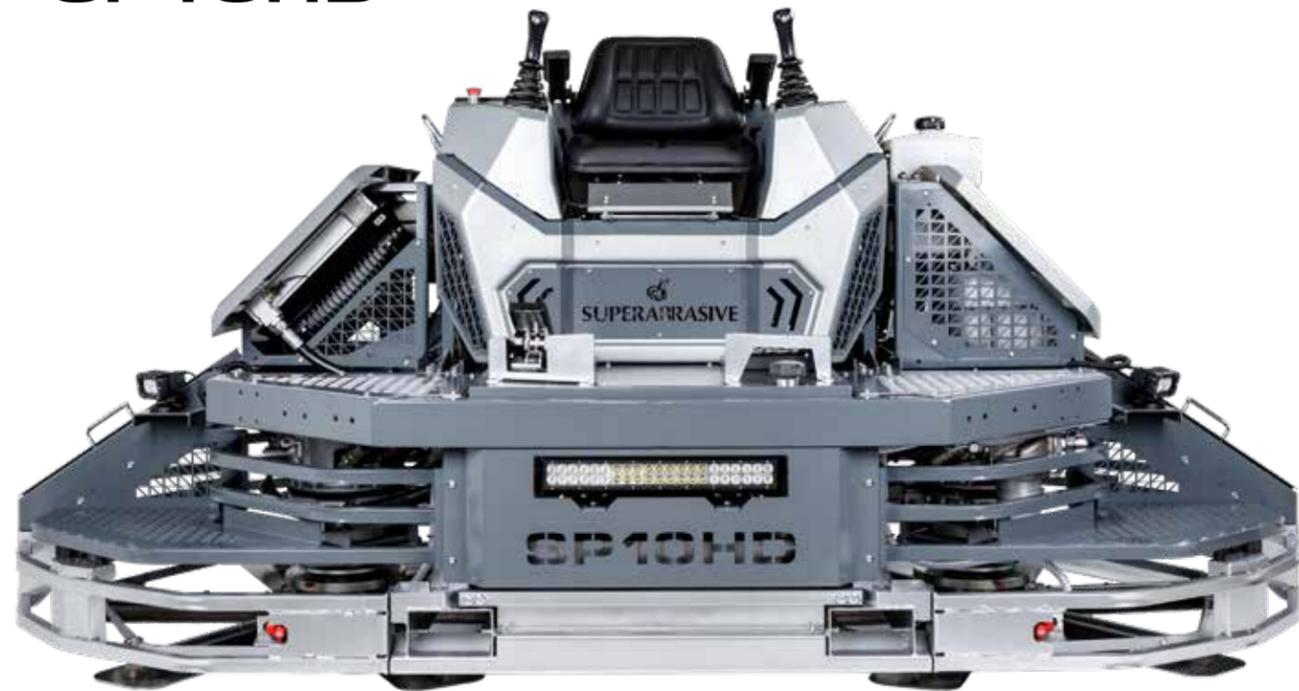


Powered by
Kubota

Driven by
rexroth
A Bosch Company



SP10HD



SPECS

Engine:	KUBOTA WG3800
Engine Power:	87.1 hp / 65 kW
Engine Capacity:	3769 cc / 230 cu.in.
Engine RPM:	800-2600 rpm
Rotor RPM:	50-150 rpm
Path Width:	121.6 in / 309 cm
Pan Diam:	2 x 60 in / 150 cm
Rotor Diam:	2 x 57.8 in / 147 cm
Blades per Rotor:	6
Fuel Type:	Gasoline
Fuel Tank:	13.2 gal / 50 L
Retardant Tank:	5.5 gal / 20 L
Weight:	3060 lbs / 1390 kg
Machine Dims: (LxHXW)	126 x 60 x 63 in / 320 x 151 x 160 cm

FEATURES

- ✓ The SP10HD is a hydraulic-driven, 10-foot ride-on power trowel engineered for professionals who demand uncompromising power, control, and durability on large-scale concrete finishing projects.
- ✓ Powered by Kubota WG3800 — a 3.8-liter, four-cylinder gasoline EFI industrial engine producing 87 HP and 240 Nm of torque at 2500 RPM. Known for reliability and long service life, the Kubota engine ensures consistent performance in the toughest jobsite conditions.
- ✓ The hydraulic drive system is built entirely with Bosch Rexroth components, including axial piston pumps and radial piston motors, delivering smooth and responsive power up to 150 rotor RPM.
- ✓ An intelligent control system provides precise adjustment of rotor speed, while the autopilot function allows the operator to maintain RPM directly from the joysticks — no need for constant pedal input.
- ✓ A Bosch Rexroth 7-inch color display gives real-time data and diagnostics, supported by data logging, overheat, and hydraulic pressure monitoring for optimal performance and maintenance planning.
- ✓ For safety and durability, the SP10HD features a heavy-duty steel protection frame, an emergency stop system, and a reinforced cooling package designed for long operating hours in extreme environments.
- ✓ Operators will also appreciate the LED work lights for night work, a 12V charging port, built-in cup holder and an ergonomic operator station designed for comfort and visibility.
- ✓ Weighing 3064 lbs, the SP10HD delivers a surface pressure of 1.84 psi, ensuring optimal slab compaction and superior finishing quality.



SP8H

EXPERIENCE
THE MOST COMFORTABLE
AND RESPONSIVE RIDE.



Powered by
Kubota



SPECS

Engine:	KUBOTA 1605
Engine Power:	57 hp / 42.5 kW
Engine Capacity:	1537 cc / 93.79 cu.in
Engine RPM:	750-3600 rpm
Rotor RPM:	30-180 rpm
Path Width:	93.9 in / 238 cm
Pan Diam:	2 x 46.5 in / 118 cm
Rotor Diam:	2 x 44.7 in / 114 cm
Blades per Rotor:	5
Fuel Type:	Gasoline
Fuel Tank:	7.7 gal / 29 L
Retardant Tank:	5.5 gal / 20 L
Machine Weight:	1672 lbs / 758 kg
Machine Dims: (LxHXW)	98 x 59x 49 in / 250 x 150 x 125 cm

FEATURES

- ✓ Mechanical driven, 8-foot ride-on power trowel featuring KUBOTA 1605 engine - a 1.5-liter, four-cylinder gasoline EFI industrial engine producing 57 HP and 120 Nm of torque at 2400 RPM.
- ✓ A heavy-duty in-house manufactured helical gearbox and a sealed bearing driveline, minimizing maintenance and maximizing uptime.
- ✓ The proportional hydraulic steering system enhances responsiveness and reduces operator fatigue, offering two selectable control modes to suit different operator preferences and site conditions.
- ✓ An integrated digital information display provides real-time performance data and diagnostics, helping operators monitor machine health and productivity at a glance.
- ✓ Magnetic LED Lights and massive light bar deliver superior job-site visibility, enhancing safety and precision.
- ✓ Integrated lift points and fork lift pockets. Lift points have stoppers to prevent straps from falling off. Shield between lift pockets to protect CVT and u-joints.
- ✓ Built-in stainless steel cup holder, a 12V charging port, and an ergonomic operator platform designed for comfort.



SP8

BUILT TO LAST. BUILT TO LEAD.



Powered by
VANGUARD

FEATURES

- ✓ Heavy-Duty Helical Gearbox, made in house, and sealed bearing drive line ensure long-lasting durability and reduce maintenance needs.
- ✓ Powerful Vanguard gasoline engine (35 hp) with oil drain valve.
- ✓ Easy to use manual dual-lever steering with spring loaded assistant.
- ✓ Heavy-duty CVT clutch for optimal performance
- ✓ Twin 5-blade rotors.
- ✓ Integrated lift points and fork lift pockets. Lift points have stoppers to prevent straps from falling off. Shield between lift pockets to protect CVT and u-joints.
- ✓ Retardant spray system with drain valve.
- ✓ Superior visibility with a massive LED light bar and 4 adjustable lights - two in front, plus two rear lights with magnetic attachment and telescopic cable to position as needed.
- ✓ Hour meter, Led Oil indicator, Fuel level gage, USB charger and phone pocket.
- ✓ Easy access to blades with access door (with magnets - no tools needed).
- ✓ Built-in stainless steel cup holder.



SPECS

Engine:	Vanguard
Engine Power:	35 hp / 26 kW
Engine Capacity:	993 cc / 60.6 cu.in
Engine RPM:	1400-3800 rpm
Rotor RPM:	30-180 rpm
Path Width:	93.9 in / 2385mm
Pan Diam:	2 x 46.5 in / 118 cm
Rotor Diam:	2 x 44.7 in / 114 cm
Blades per Rotor:	5
Fuel Type:	Gasoline
Fuel Capacity:	6.5 gal / 25 L
Retardant Capacity:	6.5 gal / 25 L
Machine Weight:	1240 lbs / 560 kg
Machine Dims:	98 x 59 x 49 in /
	(LxHXW) 250 x 150 x 125 cm



SP4S & SP4

46" WALK-BEHIND TROWELS

POWERED by
HONDA



ELECTRIC STARTER ON SP4S!

Heavy-duty CVT drive system for constant variable transmission

SP4S SPECS

Engine:	Honda GX390
Engine Power:	11.7 hp / 8.7 kW
Engine Capacity:	389 cc / 23.74 cu.in
Engine RPM:	3600 rpm
Rotor RPM:	50-200 rpm
Path & Rotor Diam:	45 in / 114 cm
Blades:	4
Fuel Type:	Gasoline
Fuel Tank Capacity:	1.6 gal / 6.1 L
Machine Weight:	306.4 lbs / 139 kg
Machine Dims:	84 x 29.5-45.3 x 48 in
(work mode)	214x75-115x121 cm
Machine Dims:	49 x 38 x 48 in
(transport mode)	128 x 96 x 121 cm

SP4 SPECS

Engine:	Honda GX270
Engine Power:	8.4 hp / 6.3 kW
Engine Capacity:	270 cc / 16.48 cu.in
Engine RPM:	3600 rpm
Rotor RPM:	70-125 rpm
Path & Rotor Diam:	45 in / 114 cm
Blades:	4
Fuel Type:	Gasoline
Fuel Tank Capacity:	1.4 gal / 5.3 L
Machine Weight:	265 lbs / 120 kg
Machine Dims:	84 x 29.5-45.3 x 48 in
(work mode)	214 x75-115 x 121 cm
Machine Dims:	49 x 38 x 48 in
(transport mode)	128 x 96 x 121 cm

FEATURES

- ✓ Heavy-duty centrifugal clutch for reliable power transmission and smooth engagement.
- ✓ Electronic safety switch for enhanced operator protection.
- ✓ QuickPitch control system for rapid, on-the-fly adjustment of blade angle.
- ✓ Reinforced gearbox and spider assembly designed for reduced maintenance and extended service life.
- ✓ Fully sealed clutch and belt guard for improved durability and safety.
- ✓ Height-adjustable handle providing superior ergonomics and operator comfort.
- ✓ Convenient transport position for compact storage and mobility (effortlessly transitions from transport to working mode in seconds), and service positions for compact storage and easy pan removal.
- ✓ Central lifting hook for safe and convenient handling on the jobsite.
- ✓ Tachometer and hour meter.
- ✓ Optional accessory - dolly jack.



SP3

36" WALK-BEHIND TROWEL



SP3 SPECS

Engine:	Honda GX160
Engine Power:	4.8 hp / 3.6 kW
Engine Capacity:	163 cc / 9.95 cu.in.
Engine RPM:	3600 rpm
Rotor RPM:	90-135 rpm
Path & Rotor Diam:	35.9 in / 91 cm
Blades per Rotor:	4
Fuel Type:	Gasoline
Fuel Tank Capacity:	3.1 L / 0.82 gal
Machine Weight:	92 kg / 203 lbs
Machine Dims:	79x29.5-45.3x39 in
(work mode)	200x75-115x98
Machine Dims:	42x37x39 in
(transport mode)	107x94x98



FEATURES

- ✓ Heavy-duty centrifugal clutch for reliable power transmission and smooth engagement.
- ✓ Electronic safety switch for enhanced operator protection.
- ✓ QuickPitch control system for rapid, on-the-fly adjustment of blade angle.
- ✓ Reinforced gearbox and spider assembly designed for reduced maintenance and extended service life.
- ✓ Fully sealed clutch and belt guard for improved durability and safety.
- ✓ Height-adjustable handle providing superior ergonomics and operator comfort.
- ✓ Convenient transport position for compact storage and mobility (effortlessly transitions from transport to working mode in seconds), and service positions for compact storage and easy pan removal.
- ✓ Central lifting hook for safe and convenient handling on the jobsite.
- ✓ Tachometer and hour meter.
- ✓ Optional accessory - dolly jack.

MADE BY SUPERABRASIVE. QUALITY YOU CAN TRUST.



A SMOOTH AND DURABLE FINISH EVERY TIME.

Superabrasive produces a variety of trowel blades and float pans for walk-behind and ride-on power trowels, including Allen, Bartell, Champion, Dart, ESI, Essick, Kelley, MBW, Morrison, Muller, Oscar, Rhin-O-Tuff, Toro / Stone, Wacker, Whiteman. Featuring high quality blue steel for optimal blade life and performance!



Part Number	Rotor Diam (inch)	Blade Size (inch)	Blade Type	Thread	Blades per Ctn.	Weight
SBC4759M100	24"	4 ¾ x 9	Combination	M6	4	5 lbs / 2.3 kg
SBC4759M105	24"	4 ¾ x 9	Combination	M6	4	5 lbs / 2.3 kg
SBF614	36"	6x14	Finish	5/16-18	4	10.4 lbs / 4.7 kg
SBF614M	36"	6x14	Finish	M8	4	10.4 lbs / 4.7 kg
SBFR614	36"	6x14	Finish(Round Corners)	5/16-18	4	11.5 lbs / 5.2 kg
SBFR614M	36"	6x14	Finish(Round Corners)	M8	4	11.5 lbs / 5.2 kg
SBC814	36"	8x14	Combination	5/16-18	4	13.2 lbs / 6 kg
SBC814M	36"	8x14	Combination	M8	4	13.2 lbs / 6 kg
SBF618	46" / 48"	6x18	Finish	5/16-18	4	13.2 lbs / 6 kg
SBF618M	46" / 48"	6x18	Finish	M8	4	13.2 lbs / 6 kg
SBFR818	46" / 48"	8x18	Finish(Round Corners)	5/16-18	4	21.6 lbs / 9.8 kg
SBFRE818M	46" / 48"	8x18	Finish(Round Corners)	M8	4	21.6 lbs / 9.8 kg
SBC818	46" / 48"	8x18	Combination	5/16-18	4	17.4 lbs / 7.9 kg
SBC818M	46" / 48"	8x18	Combination	M8	4	17.4 lbs / 7.9 kg
SBF623	60"	6x23	Finish	5/16-18	4	17.7 lbs / 8 kg
SBFR823	60"	8x23	Finish(Round Corners)	5/16-18	4	28.4 lbs / 12.9 kg
SBC823	60"	8x23	Combination	5/16-18	4	28.2 lbs / 12.8 kg

Float pans clip on to the blades of a trowel machine and are used to flatten the slab. We offer heavy-duty steel float pans in different sizes: 36", 46", and 60", to fit a variety of power trowels. Featuring secure blade attachment with Clip-on or Safety Catch, and available in 3mm or 4mm (HD) thickness.



SPF365Z, 36" | 90cm Z-Clips Pan, 4 blades SPF465Z, 46" | 118cm Z-Clips Pan, 5 blades SPF465S, 46" | 118cm Safety Catch Pan, 5 blades SPF606Z, 60" | 150cm Z-Clips Pan, 6 blades

Part Number	Rotor Diam	Blades	Fastening	Thickness	Dish	Weight
SPF364Z	90 cm / 36"	4	Z-Clips	3 mm	mild	18 kg
SPF364S	90 cm / 36"	4	Safety Catch	3 mm	mild	18 kg
SPF465Z	120 cm / 46"	5	Z-Clips	3 mm	mild	28 kg
SPF465S	120 cm / 46"	5	Safety Catch	3 mm	mild	28 kg
SPF46HD5Z	120 cm / 46"	5	Z-Clips	4 mm	mild	37 kg
SPF46HD5S	120 cm / 46"	5	Safety Catch	4 mm	mild	37 kg
SPF606Z	150 cm / 60"	6	Z-Clips	3.5 mm	mild	52 kg
SPF606S	150 cm / 60"	6	Safety Catch	3.5 mm	mild	51 kg

FIND THE RIGHT BLADES AND PANS FOR YOUR SP TROWEL

BLADES	SP3	SP4	SP4S	SP8	SP8H	SP10HD
SBF614 (M)	X					
SBFR614 (M)	X					
SBC814 (M)	X					
SBF618 (M)		X	X	X	X	
SBC818 (M)		X	X	X	X	
SBRFR818 (M)		X	X	X	X	
SBF623						X
SBC823						X
SBFR823						X



PANS	SP3	SP4	SP4S	SP8	SP8H	SP10HD
SPF365Z	X					
SPF364S	X					
SPF464Z		X	X			
SPF465Z				X	X	
SPF465S				X	X	
SPF46HD5Z				X	X	
SPF46HD5S				X	X	
SPF606Z						X
SPF606S						X



Headquarters & Sales Office, USA:

Superabrasive Inc.
9411 Jackson Trail Rd.
Hoschton, GA 30548, USA
tel: +1 706 658 1122
toll free: 800 987 8403
email: info@superabrasive.us

Factory & European Sales Office, Bulgaria:

Superabrasive Ltd.
2A Rabolnicheska St.
6140 Krun, Bulgaria
tel: +359 431 64477
email: factory@superabrasive.com



superabrasive.com

