

CONCRETE EQUIPMENT

Surfacing



Atlas Copco



THE *QUALITY* PROCESS

We want your creations to last for a long time. Follow these five steps to maximize the lifetime of your concrete creations



STEP 1: MASONRY

Before pouring the concrete, steel rebars are put in place to reinforce it.



STEP 2: VIBRATION

Vibration helps remove the air voids from freshly poured concrete. It increases the density and makes the finished concrete stronger. We offer a wide range of high performance pokers and external vibrators.



STEP 3: LEVELLING

In most situations you have to level the concrete to create an even surface. We offer screeds with both surface and depth vibration that can handle both big and small challenges.

SURFACING



STEP 4: SMOOTHER MEANS HARDER

Once the concrete reaches a plastic state, power trowels are used to remove irregularities from the screeded surface, creating a smooth finish that further strengthens the concrete. Intermixing different toppings with the concrete

during the floating process enables modification of the surface (colour, hardness, etc.). A spreader wagon makes sure the topping is evenly spread.

RIDE-ON TROWEL



Large and demanding areas

POWER TROWEL



Small to large areas and indoor

COMBI TROWEL



Medium/large areas and indoor

SPREADER WAGON



Perfect finish on all areas



STEP 5: CUTTING

When the concrete is dry it's time to cut expansion joints to control where the concrete will crack. Our cutting saws offer a maximum cutting depth of 153 mm.

MORE INFO

Atlas Copco Construction App

Find product information, videos, technical data, request quotes and contact us, all within this simple app.

Available from:



See what we are up to on:



RIDE-ON TROWELS

GET ONBOARD AND GET IT DONE

The most demanding jobs require machines that deliver the best possible quality in the least amount of time.

1. Get going fast

Smart design helps you shave off time from loading and unloading. Our sit-on trowels help you get going fast.

2. Quality saves time

The best engines on the market, combined with super heavy-duty gearboxes, guarantee that you can do your best work in every aspect.

3. Four headlights and a clear view

Great visibility both day and night makes work safer and helps you deliver more quality in less time.

4. Have a seat

Both BG740 and BG910 have adjustable seats and arm rests, raised foot paddles, a 12V charger and a cup holder. Enjoy!

5. Service friendly

Service and maintenance are easy thanks to removable front panels.

6. Happy customers

The electrically powered water spray system and manually controlled pitch produces harder and smoother concrete surfaces.



RIDE-ON TROWELS		BG740	BG910
Steering control		Mechanical	Mechanical
Operating weight	kg	333	475
Troweling path width	mm (in)	1,880 (74)	2,336 (97.5)
Rotor diameter	mm (in)	914 (36)	1,168 (46)
Maximum rotor speed	rpm	<145	<145
Number of blade arms ¹		2 x 4	2 x 5
Dimensions (L x W x H)	mm	1,980x1,040x1,350	2,540x1,280x1,470
Engine brand	4-stroke	Honda	Bridge & Stratton Vanguard
Model		GX690	-
Power	kW (hp)	16.6 (22.3)	26 (35)
Fuel		Petrol	Petrol
Fuel tank capacity	l	23	23
Seat vibration overall	m/s ²	2.76	1.4
Hand vibration maximum	m/s ²	3	4.8
Sound power level, guaranteed	Lwa dB(A)	86.8	103
Part number		3382 0001 52	3382 0001 53

1) Non overlapping. Important: More detailed technical specifications are available in the product Safety and Operating Instructions at www.acprintshop.com

ACCESSORIES	Qty/pack	BG740	BG910
Floating blades	4	3382 1001 13	3382 1001 17
Combination blades	4	3382 1001 14	3382 1001 18
Smoothing Disk (Clip-on)	1	3382 1001 15	3382 1001 19
Smoothing Disk (Securing Catch)	1	3382 1001 16	3382 1001 20
Lifting sling	1	1634 0354 61	1634 0427 79
Transport wheels (dolly jacks)	2	1634 0276 84	1634 0390 90



Spraying made easy

On the BG740 and BG910 you control the retardant spray system with a simple push on the steering lever.



Save time and money

All controls, including the raised foot paddles, are designed around the operator for enhanced manoeuvrability. And better control leads to higher efficiency.

POWER TROWELS

TROWEL OF POWER

Walk-behind trowels don't get much more powerful. Or safe.

1. Tilt with ease

The maintenance stand facilitates service, blade changing and cleaning. A single lifting eye makes transport easy.

2. Durable in every detail

Every single component in our trowels has been chosen for durability and efficiency.

3. Enjoy the power

The vibration reduced and height adjustable handle is equipped with ergonomically assembled controls and smooth clutch engagement.

4. Quick Stop

When you let go of the dead man's grip the trowel stops at once.

5. Fast transportation

Optional transportation wheels let you move rapidly between tasks.

6. Designed for easy cleaning

All parts exposed to wet concrete are easy to clean.



BG375

DON'T LET CORNERS HOLD YOU BACK

Small jobs can be just as challenging as big ones. Our BG245 trowel will help you in those confined, hard-to-work areas.

Easy maintenance

The maintenance stand makes service and maintenance smooth. All parts exposed to wet concrete are easy to clean.

Electrifying

The BG245 is also available with an electric motor, which makes it ideal for use on indoor worksites.

BG245E

Fold it

The foldable handle saves cargo space and handling time during transport.

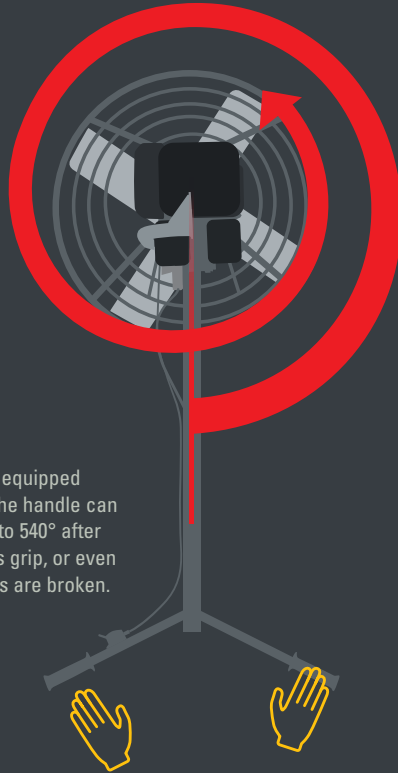
Protective means

The protection ring features a rubber edge, making it easy to use in confined places without damaging walls or other obstacles.

CENTRIFUGAL CLUTCH

Stops pretty fast

- On conventional trowels equipped with centrifugal clutch, the handle can continue the rotation up to 540° after releasing the dead man's grip, or even more if the safety devices are broken.

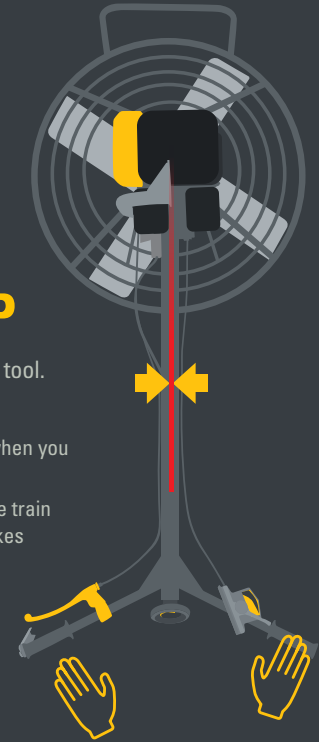


QUICKSTOP

For immediate halt of rotating tool.

Stop means stop

- Our trowels stop immediately when you let go of the dead man's grip.
- Quick Stop disengages the drive train from the powertrain, which makes rotation impossible.



POWER TROWELS		BG245		BG375			BG475
Protection ring (Ø)	mm	615	615	950	950	950	1,200
Operating weight	kg	60	60	87	93	102	105
Blade diameter	mm	600	600	900	900	900	1,140
Disc diameter	mm	610	610	945	945	945	-
Floating blade (Ø)	mm	-	-	945	945	945	1,160
Blade speed	rpm	40-115	120	40-115	40-115	40-115	40-115
Number of blades		4	4	4	4	4	4
Type of handle		Short foldable	Short foldable	Foldable Vibro-reduced	Long Foldable	Long Foldable	Long Foldable
Clutch type		Belt Clutch	-	Belt Clutch	Belt Clutch	Belt Clutch	Belt Clutch
Blade arm type		Bolt-on	Bolt-on	Quick Release / Bolt-on	Quick Release / Bolt-on	Quick Release / Bolt-on	Bolt-on
Honda engine		GX120	-	GX160	GX200	GX270	GX270
Power @ 3600 rpm	kW (hp)	2.6 (3.5)	1.5 (input)	3.6 (4.8)	4.3 (5.8)	6.3 (8.4)	6.3 (8.4)
Voltage		-	230V-1-50Hz	-	-	-	-
Fuel		Petrol	Electric	Petrol	Petrol	Petrol	Petrol
Fuel tank capacity	l	2.5	-	3,1	5.3	5.3	5.3
Vibration value	m/s ²	6.2	3.7	3.5	3.5	3.5	3.5
Sound power level, guaranteed	Lwa dB(A)	100	104	106	106	106	104
Sound pressure level at operator's position	LpA dB(A)	84	86	92	92	92	92
Model code		H4 F BC TP	E F TP	H5 F BC TP	H6 L BC TP	H9 L BC TP	H9 L BC TP
Part number		4812 0554 17	4812 0554 25	4812 0554 18	4812 0554 19	4812 0554 20	4812 0554 21

Important: More detailed technical specifications are available in the product Safety and Operating Instructions at www.acprintshop.com (see table above for ID number).

ACCESSORIES	Blade arm type	Diameter (mm)	Pcs/pack	Part number
BG245				
Floating disc	-	610	1	4700 0330 81
Trowel blade	Bolt-on	-	4	4700 0489 68
Transportation wheels	-	-	2	3382 0105 72
BG375				
Floating disc	-	945	1	4700 0319 37
Thick disc *	-	945	1	4700 0330 36
Floating blades	-	-	4	3382 1000 60
Smoothing blades	Bolt-on	-	4	3382 1000 59
	Clipped-on	-	4	4700 0022 55
Wheel kit	-	-	2	3382 0105 73

* Extra thick plate, 3 mm.

ACCESSORIES	Blade arm type	Diameter (mm)	Pcs/pack	Part number
BG475				
Floating blades	-	-	4	4700 0117 58
Smoothing blades	Bolt-on	-	4	3382 1000 71
Wheel kit	-	-	2	3382 0105 73

ELECTRICAL COMBI TROWELS

A BIG TROWEL IN A COMPACT BODY

Switch troweling diameter in seconds thanks to Quick Release. The BG Combi is our most user friendly and versatile trowel.

1. Easy cleaning

Parts exposed to wet concrete are designed for easy cleaning.

2. Save time

The carrying handle makes transportation and maintenance easier.

3. Long working life

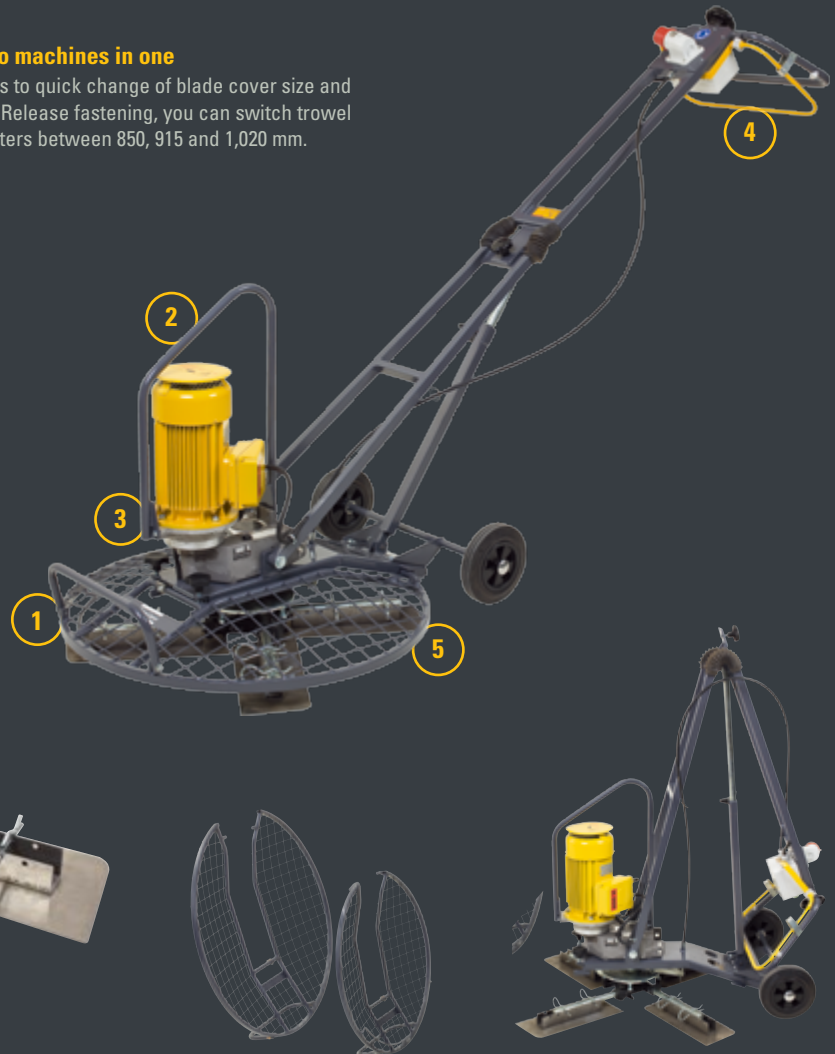
The gearbox is high quality, the design is robust and all vital parts are well protected.

4. Quick Stop

The dead man's handle is easily reached from any position. And once you let go, rotation stops immediately thanks to the Quick Stop-function.

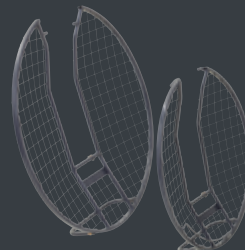
5. Two machines in one

Thanks to quick change of blade cover size and Quick Release fastening, you can switch trowel diameters between 850, 915 and 1,020 mm.



Quick Release

The BG Combi features Quick Release blade fastening for swift blade changing. This also enables quick and easy adaptation of troweling diameter.



COMBI TROWELS		BG COMBI	BG COMBI
Protection ring (Ø)	mm	850	1,020
Operating weight	kg	88	90
Blade diameter	mm	850/915/980	850/915/980
Disc (Ø)	mm	865/965/1,015	865/965/1,015
Blade speed	rpm	60/120	60/120
Number of blades		4	4
Type of handle		Long	Long
Pitch control		Twist-Pitch	Twist-Pitch
Lifting hook		Standard	Standard
Transport wheels		Standard	Standard
Blade arm type		Quick Release	Quick Release
Engine		400V-3-50/60 Hz	400V-3-50/60 Hz
Input power. Low/high speed	kW	1.6 / 2.4	1.6 / 2.4
Vibration value	m/s ²	1.4	1.4
Sound power, guaranteed	Lwa dB(A)	94	94
Sound pressure at operators ear	LpA dB(A)	77	77
Model code		E-L-TP	E-L-TP
Part number		3382 0001 08	3382 0001 09

Important: More detailed technical specifications are available in the product Safety and Operating Instructions at www.acprintshop.com (see table above for ID number).

* For use with protection ring 1,020 mm.

Multi-talented

Two interchangeable protection rings make switching trowel diameters quick and easy.

Easy transportation

Foldable handle facilitates transportation and storage.

ACCESSORIES	Blade arm type	Diameter (mm)	Pcs/ pack	Part number
Ø1020				
Floating disc	-	945	1	4700 0319 37
	-	1015	1	4700 0324 73
Thick disc *	-	945	1	4700 0330 36
Soothing blades	Quick Release	-	4	4700 0022 55
Spare ring	-	-	1	3382 0105 71
Ø850				
Floating disc	-	865	1	4700 0323 97
Soothing blades	Quick Release	-	4	3382 1000 59
Spare ring	-	-	1	3382 0105 70

* Extra thick plate, 3 mm.

SPREADER WAGON

IT'S ALL ABOUT *FLOW*

A perfect floor has even colour and even spread. A great spreader wagon takes you half the way. Your talent does the rest.

1. Easy open and close

The flow valve lever opens and closes the internal valve that flushes the topping.

2. Flow is up to you

Constant flow over the whole surface is important. The flow adjustment valve lets you determine the exact quantity of material sprayed. It can be locked to ensure a constant flow.

3. Save time on bag opening

The fixed knives inside the hopper break bags easily.

4. Keeps the surface clean

The front curtain is weighed down with a steel bar. It keeps dust and unwanted particles away from sensitive surfaces.

5. Even spread

The mesh drum anchors the material/topping inside the concrete and reduces the amount of dust during troweling.

6. Chain transmission

Surface material never remains stuck inside the hopper thanks to an internal mixing bar. As soon as you start rolling the spreader wagon, the chain transmission kicks in and rotates the mixing bar.

7. Get a grip

Sturdy handles keeps your operation safe.

8. Keeps you going

The valve protection cover makes sure the flow adjustment valve stays clean.

9. Easy transportation

The wheels can be locked for easy transportation.



SPREADER WAGON		WTS 830
Propeller		Drum + wheel
Hopper width	mm	830
Hopper capacity	kg	60
Type		manual push/pull
Weight	kg	40
Spreader capacity	kg/m²	1-4
Part number		4812 0552 40

COMMITTED TO SUSTAINABLE PRODUCTIVITY

We stand by our responsibilities towards our customers,
towards the environment and the people around us.
We make performance stand the test of time.
This is what we call – Sustainable Productivity.

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