

Concrete Boy 350^H



The Concrete Boy 350^H is ideal for applications where worm pumps and smaller concrete pumps are not powerful enough and larger concrete pumps are too uneconomical and expensive. With this fine cement pump we have succeeded in combining the high-performing technology associated with heavy-duty pumps with a compact, user-friendly design.



The Concrete Boy 350^H can handle material up to a grain size of 16mm. With its integral automatic seal, it is even capable of pumping extremely low viscosity media with ease. The applications for which the fine concrete pump can be used range from spray concrete work to concrete pumping and the delivery of self-levelling screed and the pump fits nicely into the gap between traditional worm pumps and heavy-duty pumps.

The Concrete Boy 350^H is an extremely versatile pump and can deliver and spray concrete with a grain size of up to 16 mm. It is therefore far superior to other pump systems as worm pumps and most piston pumps can only handle material with a grain size of up to 8 mm for example.

The Concrete Boy 350^H features a so-called automatic seal that allows it to pump with ease even very low viscosity media, such as slurries or self-levelling screed. This excellent sealing effect prevents material from being pressed out, thereby reducing the risk of a blockage.

The Concrete Boy 350^H also features a robust and roadworthy chassis and a sturdy overrun brake so that it can be easily towed in absolute safety even behind a passenger car. Once on site, the low-weight construction and large ground clearance of the chassis facilitate the unit's manoeuvrability on site.

The Concrete Boy 350^H is essentially one of the most low-wear pump systems and, if necessary, offers a number of practical features that simplify service and maintenance in the extreme.

Aesthetic considerations are not the only reason for the "streamlined" design of the hood. On the contrary, we have quite consciously dispensed with unnecessary edges so that there are no surfaces on which dirt and dust can settle and the gloss paint finish is especially easy to clean.

We can also fit an integral high-pressure cleaner as an option so that you can spray off even the most obstinate dirt with a pressure of up to 140 bar. Simply connect up the high-pressure hose - and off you go! Cleaning the hopper this becomes child's play! To lighten your load even further, the top section of the hopper can be tipped to the side and any residual concrete can be rinsed through the cleaning flap on the base of the hopper.



The Concrete Boy 350^H is the ideal combination of tried-and-tested engineering and user-friendly design in an ultra-compact unit. With its variable delivery pressure of 40 to 68 bar and delivery output of just over 18 m³/h, this fine concrete pump can rightly be described as a veritable power package. The hydraulic drive enables material to be pumped forwards and backwards and provides for 0-100% adjustment of the delivery rate. The machine also runs along safely behind the vehicle pulling it, thanks to its roadworthy chassis and robust overrun brake. Once on site, the machine's low weight construction and large ground clearance facilitate its manoeuvrability around the site.



Only hardwearing components have been used, that work reliably even in the harshest continuous operating conditions, thereby reducing wear and tear and increasing the machine's retained value. Service work can now be completed quickly and with ease as the entire site is now completely accessible.

The motor hood is made of lightweight plastic and, in spite of its light weight, it is ultra-stable and has excellent sound insulation. The machine's ventilation system is designed to ensure that the operator is not affected by exhaust air and fumes and that the interior of the machine is perfectly protected against the ingress of dirt and dust.

The entire electrical and control systems have been incorporated in the Targa bar, with all of the operating and control elements logically positioned on one side so that everything is accessible and within view. The easily readable instruments are protected by a sturdy flap that can also remain closed during operation.

Standard equipment

- Piston pump with diesel-hydraulic or electric drive accommodated within a steel frame, with a T-chassis and overrun brake as a standard feature.
- Plastic motor hood and TARGA bar cover the engine compartment and ensure excellent sound attenuation
- Concrete hopper with agitator, hinged safety grille, hydraulic safety switch for agitator when the grille is opened
- Bottom flap for emptying and cleaning the hopper, as well as providing easy access to the wearing parts on the agitator
- Dual piston pumps with hard chrome-plated pump cylinders and a water tank positioned between the drive and pump cylinders for plunger flushing and oil cooling; plungers can be replaced via the water tank
- Electrical control of pump and S-tube
- Pump volume can be manually adjusted from 0 to 100%
- Central lubrication rail on the hopper

Optional additional equipment

- Radio remote control for pump /plunger remote control, 5 metres
- Vibration motor on screen grille
- Rubber collar attachment for hopper
- High-pressure cleaner, 140 bar
- Flushing water pump, 20 bar, 80 l/min



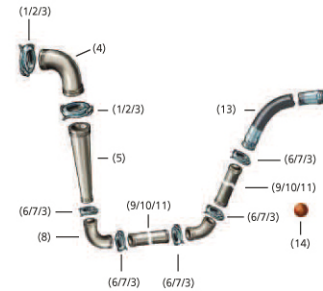
The Concrete Boy 350^H is a small, lightweight and powerful fine concrete pump trailer, ideal for spraying concrete, injecting mortar and for all concreting work. The hydraulic drive allows the material to be pumped forwards and backwards along with a 0 to 100% adjustment of the delivery rate.

Accessories for Concrete Boy 350^H

Item number Description

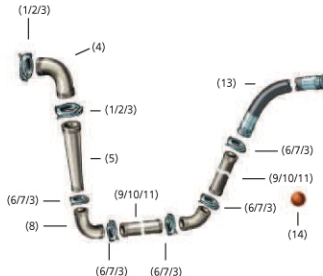
Standard delivery line, 100 m for concrete, mortar, liquid screed SK 50, 60 bar, grain size < 8 mm consisting of:

431 613	(1)	2x	Sleeve coupling SK 4,5"
057 341 000	(2)	2x	Seal 4,5"
018 878 004	(3)	47x	Safety split pins
421 329	(4)	1x	Delivery pipe elbow 4,5", 90°
238 508 002	(5)	1x	Reduction pipe 100/50-4,5"/3,5", 1500 mm
417 798	(6)	45x	Sleeve coupling 3"
064 084 004	(7)	45x	Seal 3"
081 777 006	(8)	4x	Delivery pipe elbow 3", 90°
081 783 003	(9)	2x	Delivery pipe 3", 1000 mm
081 784 002	(10)	4x	Delivery pipe 3", 2000 mm
081 785 001	(11)	30x	Delivery pipe 3", 3000 mm
081 779 004	(12)	4x	Delivery pipe elbows 3", 45°
481 169	(13)	4x	Delivery hose 3", NW 50, 2000 mm
000 212 005	(14)	6x	Sponge balls Ø 60 mm



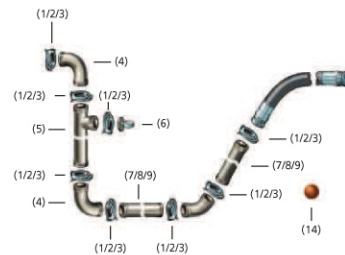
Standard delivery line, 100 m for concrete, mortar, liquid screed SK 65, 85 bar, grain size < 8 mm consisting of:

431 613	(1)	2x	Sleeve coupling SK 4,5"
057 341 000	(2)	2x	Seal 4,5"
018 878 004	(3)	46x	Safety split pins
421 329	(4)	1x	Delivery pipe elbow 4,5", 90°
224 269 009	(5)	1x	Reduction pipe 100/65-4,5"/3,5", 1000 mm
417 798	(6)	44x	Sleeve coupling 3"
064 084 004	(7)	44x	Seal 3"
057 756 006	(8)	4x	Delivery pipe elbow 3", 90°
057 727 006	(9)	2x	Delivery pipe 3", 1000 mm
057 728 005	(10)	4x	Delivery pipe 3", 2000 mm
057 729 004	(11)	29x	Delivery pipe 3", 3000 mm
057 758 004	(12)	4x	Delivery pipe elbow 3", 45°
057 886 002	(13)	1x	Delivery hose 3", NW 65, 5000 mm
000 246 000	(14)	6x	Sponge balls Ø 65 mm



Standard delivery line, 100 m for concrete, mortar, liquid screed SK 100/4,5", 85 bar, grain size < 16 mm consisting of:

431 613	(1)	48x	Sleeve coupling SK 4,5"
057 341 000	(2)	48x	Seal 4,5"
018 878 004	(3)	48x	Safety split pins
421 329	(4)	4x	Delivery pipe elbow 4,5", 90°
057 614 009	(5)	1x	T-Delivery pipe 1000 mm
057 621 005	(6)	1x	Pressure gauge
056 863 000	(7)	30x	Delivery pipe 4,5", 3000 mm
056 862 001	(8)	4x	Delivery pipe 4,5", 2000 mm
056 861 002	(9)	2x	Delivery pipe 4,5", 1000 mm
057 593 007	(10)	4x	Delivery pipe elbow 4,5", 45°
057 607 003	(11)	1x	Delivery hose, 2850 mm
016 091 003	(12)	6x	Sponge balls Ø 100 mm



Accessories for Concrete Boy 350^H

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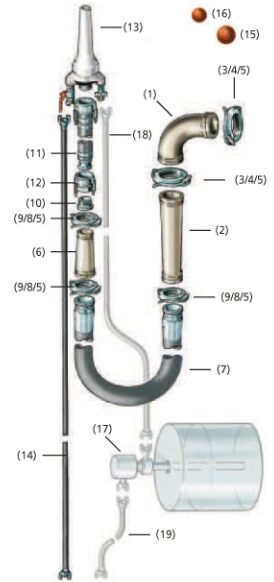
Concrete spray line, SK 65 / PM 50/3 max. 40 bar, grain size < 8 mm

Standard spray line, 45 m long consisting of:

421 329	(1)	1x	Delivery pipe elbow SK 100/4.5", 90°
224 269 009	(2)	1x	Reduction pipe SK 100/4.5" - SK 65/3" 1,000 m
431 613	(3)	2x	Sleeve couplings SK 4.5"
057 341 000	(4)	2x	Seal DN 100, 4.5"
018 878 004	(5)	13x	Safety split pins
058 670 000	(6)	1x	Reduction pipe SK 65/3" - SK 50/3" 1000 m
057 886 002	(7)	8x	Delivery hose SK 65/32, 5,000 mm
417 798	(8)	11x	Sleeve couplings SK 3"
064 084 004	(9)	11x	Seal DN 65/3"
082 784 001	(10)	1x	Transmission piece
207 617 005	(11)	1x	Delivery hose DN 50 TS PN 40 13 m
211 600 008	(12)	1x	Coupling M 50/2"
072 157 004	(13)	1x	Concrete spraying nozzle V 50, 30 mm
416 015	(14)	2x	Air hose 3/4", 20 m
000 246 000	(15)	6x	Sponge ball, Ø 65 mm
000 212 005	(16)	6x	Sponge ball, Ø 60 mm

Metering pump for accelerating admixture (silicate)

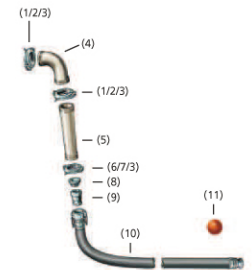
002 423 009	(17)	1x	Silicate metering pump with compressed air drive (barrel pump) with connector
001 983 003	(18)	2x	High-pressure hose 1/2", 20 m
416 015	(19)	1x	Air hose 3/4", 20 m



Delivery pipe for mortar, self levelling floor screed, PM 50, 40 bar, grain size < 8 mm

Standard delivery line, 80 m long consisting of:

431 613	(1)	2x	Sleeve couplings SK 4.5"
057 341 000	(2)	2x	Seal DN 100, 4.5"
018 878 004	(3)	3x	Safety split pins
421 329	(4)	1x	Delivery pipe elbow SK 100, 90°, 4.5"
238 508 002	(5)	1x	Reduction pipe, SK 100/4,5" - SK 65/3" 1,500 mm
417 798	(6)	1x	Sleeve coupling K 3"
064 084 004	(7)	1x	Seal DN 65, 3"
082 784 001	(8)	1x	Transmission piece SK 50 / RA 2"
205 273 001	(9)	1x	Coupling V50/RI 2"
207 617 005	(10)	6x	Delivery hose DN 50 40 bar, 13.3 m
000 212 005	(11)	6x	Sponge ball, Ø 50 mm



As an alternative to individual SK couplings and seals, you have the option of using SKD couplings with halved seals already integrated:

494 868	(12)	SKD 4.,5"
494 763	(13)	SKD 3"