



WORKER N°1

Advantage by intelligent engineering



BASIC – PREMIUM – POWER BULL
3 powerful types for the construction site

WORKER N°1 – 3 powerful types for the construction site

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The WORKER N° 1 series are characterized by a high standard of performance, state-to-the-art technology, safety and an user-friendly design. This design is based on a fundamental principle: Less is more! The machine comes without any superfluous extras. One reason why it excels in the rough environment of a construction site by quality, long life and functionality – so that construction processes can be performed in a trouble-free way. All screed-machines are suitable for mixing and conveying of screed, sand, grain and fine concrete up to 16 mm granulation.



For the acquisition of a WORKER N° 1 argue many reasons:

- Best materials and highest quality standards
- Competent knowledge development
- Long-time experience of the staff
- Highest standards in production
- No compromise in safety matters



Model: Standard



Model: Feeder



Model: Feeder/Scrapper

Depending on the application, we provide all the screed-machines of the series in the models Standard, Feeder, Feeder/Scrapper.

All machines are equipped with stainless steel hood and stainless steel constructions.



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The BMS-screed machine *WORKER N° 1* at a glance:



The 4-Cylinder-Diesel engine with max. 48.5 kW.

Engine

The *WORKER N° 1* is available with a 3-cylinder DEUTZ engine with max. 36.5 kW or a 4-cylinder DEUTZ engine with max. 48.5 kW, equipped with adjustable speed limit. The engine requires little maintenance and has low operating costs. High reliability and low maintenance distinguish this engine generation.

Compressor

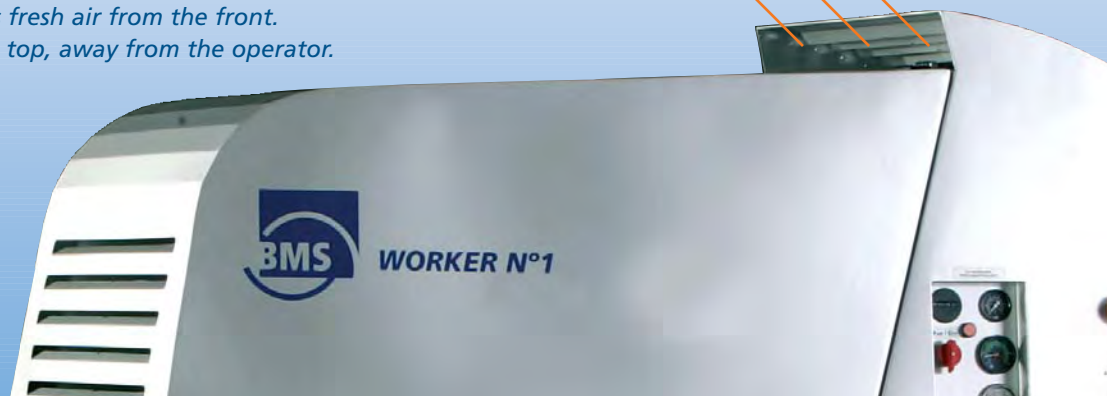
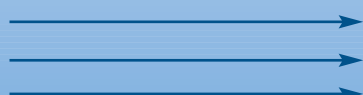
Equipped with a powerful ATLAS COPCO screw compressor. In most recent models with an airflow rate from 5.2 to 5.6 m³/min. The screw compressor block and motor are insulated from vibrations. 100% performance by the direct power transmission from the engine to the compressor block.



Good to refuel and clean: The hood is wide open. Installation work will be so relieved. All parts are easy to reach.



Due to the ergonomic design of the hood the air intake is controlled in such a way that the engine takes fresh air from the front. The exhaust air is discharged at the top, away from the operator.



High-Quality Body

The WORKER N° 1 comes with a stainless steel hood and stainless steel body parts. All other parts of the body are coated by a high quality finish offering hardly any corroding surface. So a long life is guaranteed.

Safety System

The safety system turns off automatically in violation of the permissible limit. For example, when you open the hood or when removed from dome sieve and soiling of the oil cooler. The automatic monitoring of the risk areas will prevent damages.

Registration Plate Carrier

At the standard version the registration plate lamps – alternatively 12 V or 24 V – are fixed at the rear flap and are TÜV-approved. This protects against theft, loss or confusion.

Safe on the Road

Robust AL-KO chassis with mechanical overrunning break and EU-approval. Approved for a top speed of 80 km/h or 100 km/h on request. With ball-type towing device or DIN coupling ring.

Regulation

Innovative and entirely new in the use of BMS-screed machines: Through continuously variable adjustment of the upper and lower air intake valve which is adapted to the compressor of the required delivery quantity.



Fixed mounted registration plate carrier

Upon request, your WORKER N° 1 is coated in your corporate colors.



The user elements are clearly arranged.

WORKER N° 1
BASIC



WORKER N° 1
PREMIUM



WORKER N° 1
POWER BULL



Technical Data

		Completion:	Standard	Feeder	Feeder / Scraper
		delivery pressure	8,5 bar	8,5 bar	8,5 bar
		conveying distance*	180 m	180 m	180 m
		delivery head*	30 floors	30 floors	30 floors
		compressor	Atlas Copco 5,2 m ³ /min	Atlas Copco 5,2 m ³ /min	Atlas Copco 5,2 m ³ /min
		drive motor	Deutz F3 M 2011	Deutz F3 M 2011	Deutz F3 M 2011
		chassis	1,600 kg	2,000 kg	2,000 kg
		weight (tank empty)	1,570 kg	1.805 kg	1.890 kg
		length	4,500 mm	4,970 mm	4,970 mm
		width	1,500 mm	1,560 mm	1,560 mm
		height	1,710 mm	2,250 mm	2,250 mm
		filling height	920 mm	450 mm	450 mm
		max. grading	16 mm	16 mm	16 mm
		pressure joint	VT 70	VT 70	VT 70
		capacity feeder	–	310 litre	310 litre
		tank capacity	70 litre	70 litre	70 litre
		delivery pressure	8,5 bar	8,5 bar	8,5 bar
		conveying distance*	180 m	180 m	180 m
		delivery head*	30 floors	30 floors	30 floors
		compressor	Atlas Copco 5,4 m ³ /min	Atlas Copco 5,4 m ³ /min	Atlas Copco 5,4 m ³ /min
		drive motor	Deutz F3 M 2011	Deutz F3 M 2011	Deutz F3 M 2011
		chassis	2,000 kg	2,500 kg	2,500 kg
		weight (tank empty)	1,670 kg	1,905 kg	1,950 kg
		length	4,600 mm	5,060 mm	5,060 mm
		width	1,560 mm	1,630 mm	1,630 mm
		height	1,770 mm	2,280 mm	2,280 mm
		filling height	930 mm	450 mm	450 mm
		max. grading	16 mm	16 mm	16 mm
		pressure joint	VT 70	VT 70	VT 70
		capacity feeder	–	310 litre	310 litre
		tank capacity	70 litre	70 litre	70 litre
		delivery pressure	8,5 bar	8,5 bar	8,5 bar
		conveying distance*	220 m	220 m	220 m
		delivery head*	35 floors	35 floors	35 floors
		compressor	Atlas Copco 5,6 m ³ /min	Atlas Copco 5,6 m ³ /min	Atlas Copco 5,6 m ³ /min
		drive motor	Deutz F3 M 2011	Deutz F3 M 2011	Deutz F3 M 2011
		chassis	2,000 kg	2,500 kg	2,500 kg
		weight (tank empty)	1,725 kg	1,945 kg	2,005 kg
		length	4,630 mm	5,100 mm	5,100 mm
		width	1,560 mm	1,630 mm	1,630 mm
		height	1,770 mm	2,300 mm	2,300 mm
		filling height	930 mm	450 mm	450 mm
		max. grading	16 mm	16 mm	16 mm
		pressure joint	VT 70	VT 70	VT 70
		capacity feeder	–	310 litre	310 litre
		tank capacity	70 litre	70 litre	70 litre

*All figures are based on experience and material dependent.



Service, Service, Service...

The region-wide service network ensures short reaction times. You benefit from quickly and reliably performed repairs as well as regular maintenance.

Comprehensive Stock of Spare Parts

Benefit from our comprehensive stock on hand in the field of spare parts and accessories. As the partner of all leading suppliers of construction machinery we have a comprehensive product range – from wearing parts up to transmission and engine parts. Numerous spare parts such as floating discs, discharge tripods and couplings from our own production ensure a rapid delivery.

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