

# Advantage by intelligent engineering



## The *WORKER N° 1 SIGMA* at a glance:



A well-arranged engine compartment results in lower maintenance costs.



The innovative filter system.

### Engine

The 4-cylinder engine with combined oil/water cooler ensures an optimum engine cooling – even at extremely high ambient temperatures.

**Design:** Compressor package and engine are equipped with a vibration isolator. 100% performance by direct power transmission from the engine to the compressor package.

### Control

Innovative and totally new in the field of screed conveying machines (control of blower output). By means of a continuous control of top draught and bottom draught the priming valve at the compressor and so simultaneously the number of revolutions of the engine is adapted to the respective delivery volume required. The means that the machine runs with a lower number of revolutions at lower air intake and so has a lower fuel consumption.



The *WORKER N° 1 SIGMA* with feeder/scrapper in operation at the construction site.

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.



## Safety System

Due to the high-performance cold-start battery a reliable ignition of the engine is ensured at any time. The tank filler neck with overflow protection also provides a high safety standard. A high operational reliability is also ensured by the installed by the fuel preliminary filter, the main filter and the water separator. The patented safety design is also well proved: The robust dome screen ensures optimum safety when operating and cleaning the machine.

## Filter System

A real innovation: The newly developed filter system for screed machines. Due to the sophisticated 3-stage filter system only clean fuel is passed into the engine. Engine break-downs caused by contaminated fuel are now a problem of the past.

## Registration Plate Carrier

At the standard version the registration plate and the registration plate lamps are fixed at the rear flap and are TÜV-approved. This protects from theft, loss or confusion.

Fixed registration plate carrier.

The control elements are clearly arranged close to the vessel and protected from the weather.





## Well Equipped 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 from our own production that a fast delivery.

## Coating

The WORKER N° 1 SIGMA comes with a coating made of high-quality paints offering hardly any corroding surface. So a long life is guaranteed.



## 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.

# WORKER N°1 SIGMA

## 4 Cylinders

The WORKER N° 1 SIGMA is 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. Depending on the intended use we offer the screed machine WORKER N° 1 SIGMA in the versions Standard, Feeder and Feeder/Scraper.



New power created by new technology.

The 4-cylinder engines combines power and strength. The result is an intelligent combination of high engine torque, smooth running and low fuel consumption.



## Technical Data **WORKER N° 1 SIGMA 4 Cylinders**

	Standard	Feeder	Feeder/Scraper
delivery head (depending on material)	30–35 floors	30–35 floors	30–35 floors
conveying distance (depending on material)	more than 200 m	more than 200 m	more than 200 m
compressor	up to 5.6 m <sup>3</sup>	up to 5.6 m <sup>3</sup>	up to 5.6 m <sup>3</sup>
driving motor/ diesel engine	water-cooled 4-cylinder engine		
weight	1,470 kg	1,690 kg	1,785 kg

service/garage: phone +49 (0) 52 42.96 46 17  
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## 4 Cylinders



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