

IS26

CONCRETE SPRAYING
MACHINE





MANIPULATOR - Robust manipulator with 13,2 m vertical and 10,2 m horizontal spraying reach.



SPRAYING HEAD - 360° rotation, +135° / -135° tilt and 8° oscillation.



COMPRESSOR - Onboard electric screw compressor with 10,3 m³/min air flow rate at 6 bar. Direct coupled to 55 kW electric motor



ADDITIVE TANK - 1.000 litre capacity.



ADDITIVE PUMP - Peristaltic hose pump driven by 1,1 kW electric motor.



REMOTE CONTROL - Cable or radio remote control for all nozzle, manipulator, dosing and concrete pump functions.



CONTROL PANEL - Control panel with pushbuttons and indicating lights for concrete and dosing functions.



CONCRETE PUMP - Concrete pump with casted body hopper and hydraulic vibrator.



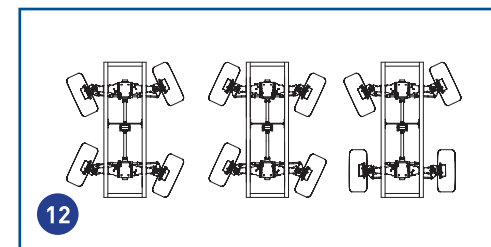
HIGH PRESSURE WASHER - 135 bar - 16 lt/min high pressure washer.



OPERATOR CABIN - Closed cabin with 180° pivoting operator's seat and ROPS / FOPS level 2 certification.



CAMERASYSTEM - Rear view camera and LCD screen in operator cabin.



STEERING - 3 steering modes; Four-Wheel Steering, Front-Wheel Steering and Crab Steering.

MANIPULATOR	
Max. Vertical Spraying Reach:	13,2 m
Max. Horizontal Spraying Reach:	10,2 m
Working Lights:	2 x 1800 lumen
SPRAYING HEAD	
Rotation:	360°
Tilt:	+135°/-135°
Oscillation:	8°
CONCRETE PUMP	
Make / Model:	Hydraulically driven double piston pump
Max. Capacity:	34 m³/h (theoretical)
Max. Concrete Pressure:	60 bar
Max. Hydraulic Pressure:	240 bar
Power:	55 kW at 400 V - 50 Hz
Concrete Cylinder:	180 x 1.000 mm
Concrete Line Diameter:	5" - 4" - 3¼"
HOPPER	
Hopper Capacity:	250 l
Filling Height:	1320 mm
Working Light:	55 W halogen
Vibrator:	Hydraulically driven
REMOTE CONTROL	
Type:	Cable
Cable Length:	15 m
Remote Control Functions:	
All nozzle and manipulator movements	
Nozzle oscillation	
Air line on / off	
Dosing on / off	
Dosing flow rate adjustment	
Concrete pumping / suction	
Emergency stop	
Horn	

DOSING SYSTEM	
Type:	Peristaltic hose pump
Power:	Electric driven - 1,1 kW
Control Sytem:	Frequency converter
Max. Flow Rate:	600 l/h
Max. Working Pressure:	8 bar
Additive Tank:	1.000 l
COMPRESSOR	
Type:	Electric screw compressor
Power:	55kW
Max. Air Flow:	10,3 m³/min
Max. Working Pressure:	6 bar
Cooling Fan Motor:	1,5 kW
HIGH PRESSURE WASHER	
Pump Drive:	Hydraulic
Pressure:	135 bar
Flow:	16 l/min
Hose Length:	10 m
Water Tank:	300 l
CABLE REEL	
Drive:	Hydraulic
Power:	400 V 50 Hz
Cable Lenght:	50 m
Cable:	3 x 70 + 3G10 mm²
ELECTRIC SYSTEM	
Alternator:	12 V - 95 A
Battery:	12 V - 150 Ah (1000 A)
Protection:	IP 65
Driving Lights:	2 x 55 W headlights / 2 x 55 W taillights
Turn signals and back-up light	

CLOSED OPERATOR CABIN	
Closed cabin	
ROPS / FOPS level 2 certified	
[EN ISO 3471:2008 / EN ISO 3449:2008]	
Height adjustable, 180° pivoting, ergonomic seat	
with 3-point seat belt and suspension	
Cabin heater	
Levers and indicators for all driving controls	
Auxiliary headlights for better visibility	
Heated wing mirrors	
RIGID CHASSIS	
Type:	Rigid, high strength steel
Front Stabilisers:	2, extendible
Rear Stabilisers:	2, fixed
DIESEL ENGINE	
Make / Model:	JCB Dieselmax 444 TCA 4 cylinders 4,4 l
turbocharged aftercooled	
Max.Power:	85 kW (114hp) at 2200 rpm
Max.Torque:	440 Nm at 1300 rpm
Engine Emissions:	EU Stage 3A / EPA Tier 3
Diesel Tank:	100 l
TRANSMISSION	
Powershift	
Automatic and manual 4-speed forward	
Manual 3-speed reverse	
Four-wheel drive	
AXLES & WHEELS	
Axle Type:	Planetary
Make / Model:	JCB
Front:	+/- 8° oscillating and steerable
Rear:	Rigid and steerable
Tyres:	16.0 / 70 - 20
Steering:	Four-wheel steering, crab steering,
front-wheel steering	

BRAKING SYSTEM**Service Brakes:** 4-wheel disc brakes in oil bath**Parking Brake:** Spring applied hydraulic released**PERFORMANCE****Max. Gradient:** 40 %**Max. Speed:** 24,5 km / h**Inner Turning Radius:** 3.500 mm**Outer Turning Radius:** 7.100 mm**DIMENSIONS & WEIGHT****Dry Weight:** 12.300 kg**Length:** 8.010 mm**Width:** 2.400 mm**Height:** 3.000 mm**MISCELLANEOUS**

2 x 4 kg portable fire extinguisher

Warning plates and decals

Amber beacon lamp

Basic tool set

Back-up alarm and light

2 pcs wheel chock

Catalytic Converter

Front and rear tow bars

Battery isolator switch

OPTIONS

EU Stage IV/EPA Tier 4 Final compliant engine

Two-person cabin

Radio remote controller

Computerized proportional dosing system

PLC monitor for concrete and dosing System

Stainless steel additive tank & control panel

Airconditioning in operator cabin

Alternative manipulator design

Automatic fire suppression system

Optional voltages 660 V 50/60 Hz or 1.000 V 50/60 Hz

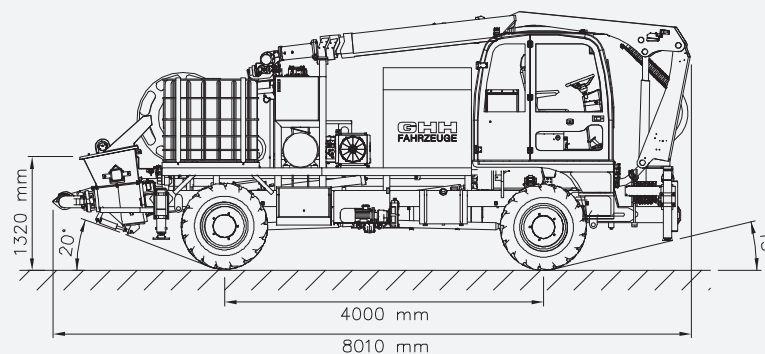
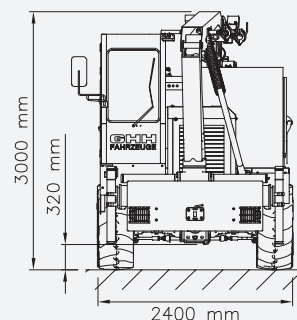
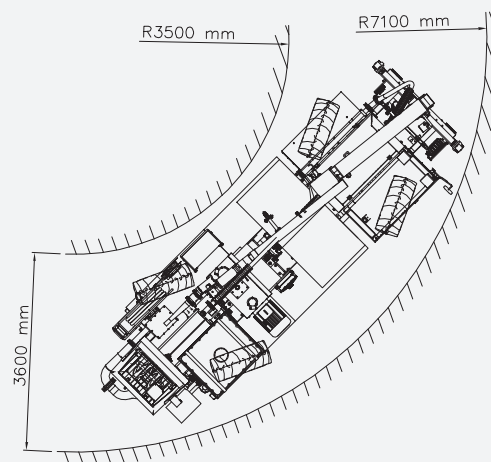
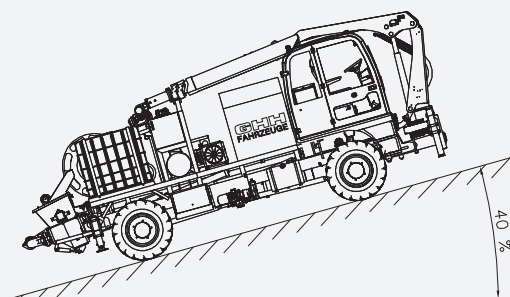
12 V emergency steering

Emergency release for parking brake

High pressure wall washing kit

Rear view camera and LCD screen in operator cabin

Side view camera

DIMENSIONS**PERFORMANCE****SPRAYING RANGE**