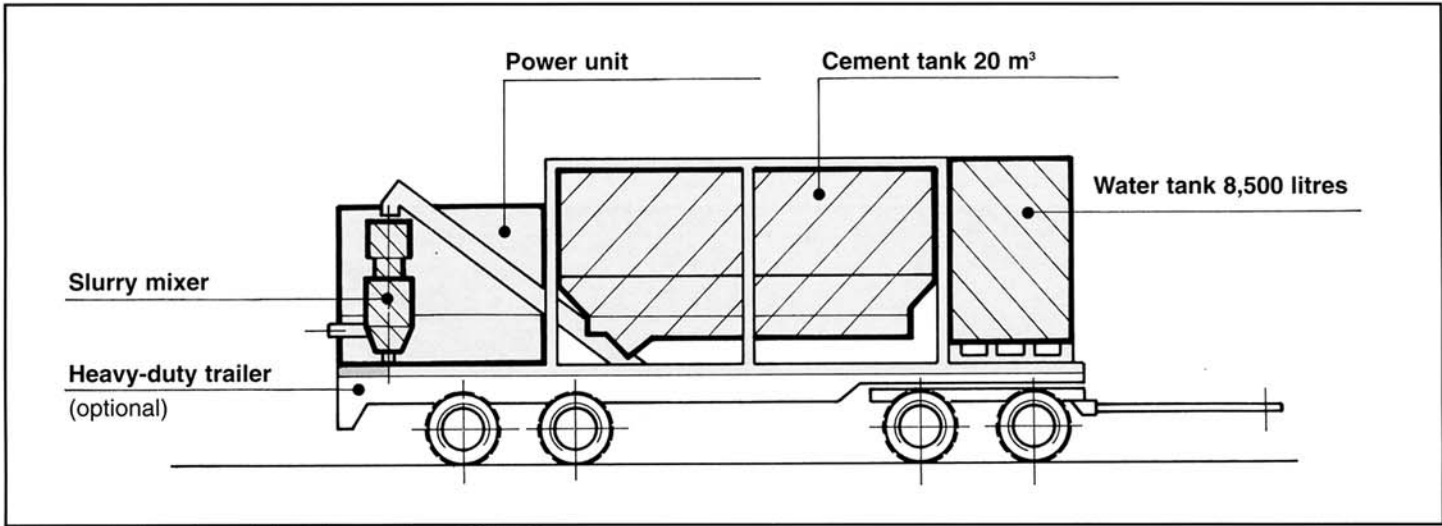
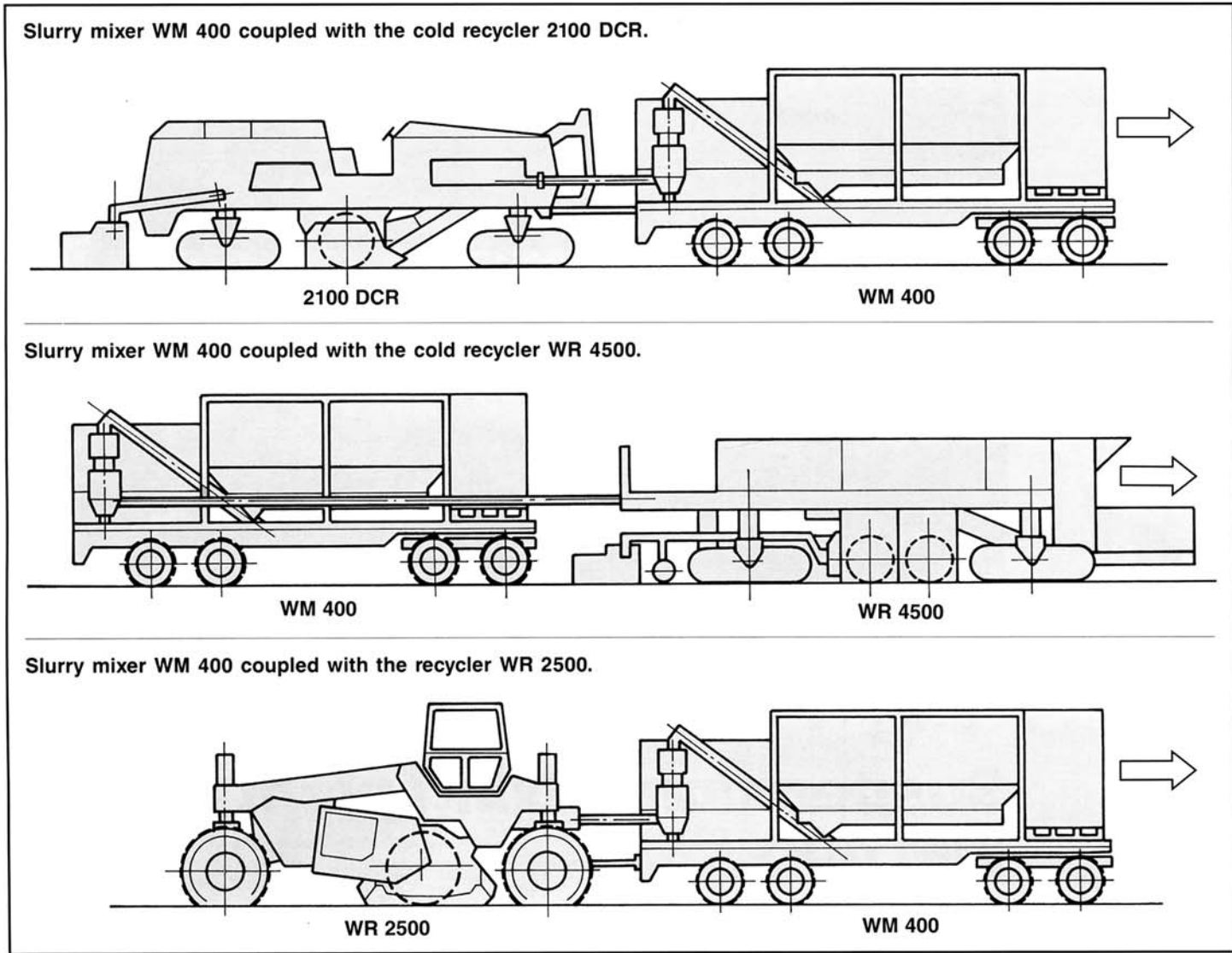


**Suspension mixing plant**  
**WM 400**  
*Technical data*

# Dust-free admixture of cement for cold recycling



Schematic drawing of the slurry mixer WM 400.



The slurry mixer WM 400 can be coupled with all Wirtgen cold recyclers.

### Mechanical design

Slurry mixer for dust-free admixing of cement for cold recycling. The mixer can be coupled with all Wirtgen cold recyclers and soil stabilizers. The slurry of cement and water is mixed and metered from storage tanks in percent by weight of the materials to be mixed (depending on the feed rate, working width and working depth).

### Base frame

Robust profiled frame with container fittings securing the mixer to a heavy-duty trailer with top-mounted cement tank and mounts for the individual bodies and units. All components are readily accessible for maintenance and service.

### Cement supply

The required amount of cement is delivered to the slurry mixer by two extracting screw conveyors, a metering screw and a cellular wheel sluice with weigher. The filling levels are indicated at the control desk.

### Water supply

Generously dimensioned storage tank and a metering pump for injecting the required amount of water into the slurry mixer.

### Slurry mixer

The slurry mixer can be swivelled and opened without difficulty for cleaning.

### Slurry pump

The slurry is delivered to the consumer by a robust pump.

### Control console

The control console is located at the rear right-hand side of the mixer. The modern operating and control elements are arranged within easy reach and in the operator's field of vision.

### Fittings

Operating hours counter, indicators for monitoring the drive motors and level indicator for the cement tank.

### Hydraulic system

Five separate hydraulic systems drive the screw conveyors, cellular wheel sluice, slurry mixer and the water and slurry pumps. The hydraulic pumps are driven by the diesel engine via a PTO gear.

### Electrical system

24 V system with 3-phase alternator and two 12 V batteries, starter and alarm, as well as complete working lights.

### Soundproofing

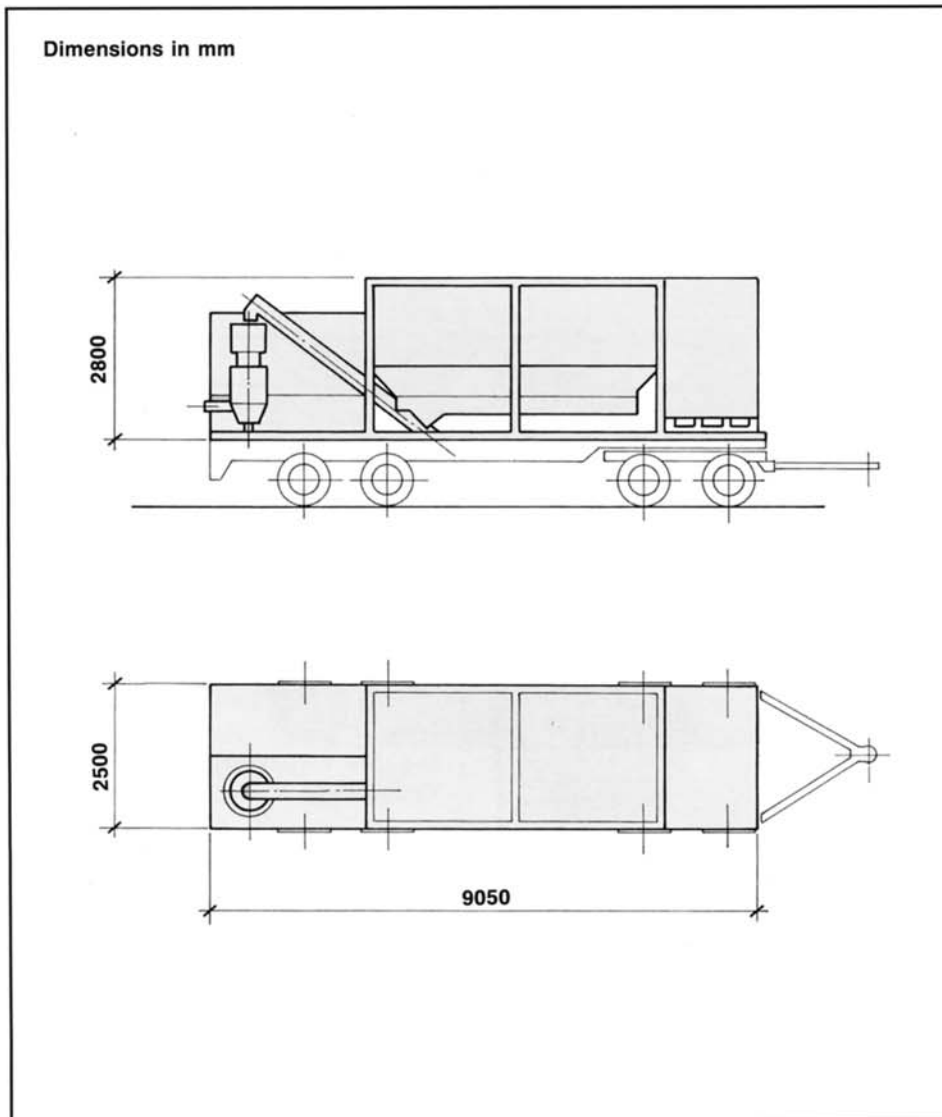
The power unit is routinely soundproofed to reduce the level of noise generated and protect both the operating personnel and the environment against noise.

### Filling equipment

Both the cement and the water tank are equipped with filling lines with the corresponding tanker couplings. The diesel fuel is filled via a generously dimensioned filler port.

### Safety during loading

Strong suspension lugs secure the mixer when loaded by crane.



# Technical data

		Suspension mixing plant WM 400	
Mixing capacity, max.	kg/min	400	
<b>Engine</b>			
Engine manufacturer		Iveco	
Type		8041 SI 25	
Cooling		Water	
Number of cylinders		4	
Engine power (DIN 6271 B)	kW/HP/PS	79/105/107	
Speed	rpm	2,300	
Displacement	ccm	3,900	
<b>Weight</b>			
Shipping weight (without heavy-duty trailer)	da N (kg)	9,500	
Operating weight (with fuel, without heavy-duty trailer)	da N (kg)	44,300	
<b>Capacities</b>			
Cement tank	ccm	20	
Water tank	l	8,500	
Fuel tank	l	250	
Hydraulic fuel tank	l	340	
<b>Electrical system</b>	V	24	
<b>Shipping dimensions</b>			
Mixer L x W x H (without heavy-duty trailer)	mm	9050 x 2500 x 2800	

## Equipment

Standard       Optional

Equipment	Suspension mixing plant WM 400
Working lights	<input type="radio"/>
Warning light	<input type="radio"/>
Loading lugs	<input type="radio"/>
Soundproofing	<input type="radio"/>
Microprocessor controller with data display	<input type="radio"/>
Heavy-duty trailer	<input checked="" type="radio"/>
Steering system (only with heavy-duty trailer)	<input checked="" type="radio"/>
High-pressure water cleaner	<input checked="" type="radio"/>
Water filling pump	<input checked="" type="radio"/>



**Wirtgen GmbH · Hohner Strasse 2**  
**D-53578 Windhagen · Germany**  
**Phone: (0) 26 45 / 131-0**  
**Telex: 863027 wirex d**  
**Telefax: (0) 26 45 / 131-242**