

Description

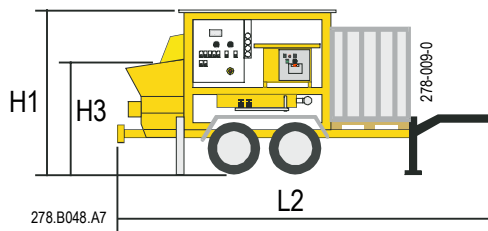
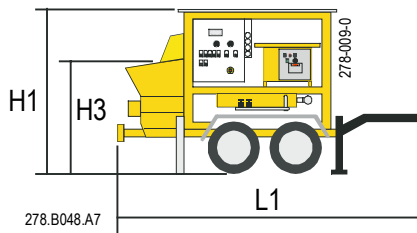
The AL-278 is a compact two-piston concrete pump for the processing of wet mix using the dense stream method. Due to its almost pulsation-free operation, the AL-278 is the ideal solution for sprayed concrete allowing concrete conveyance as well.

The liquid dosing unit AL-403 is working proportionally to the pump capacity and guarantees steady dosing of additives.

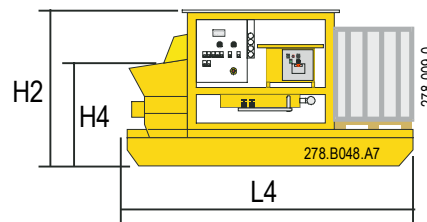
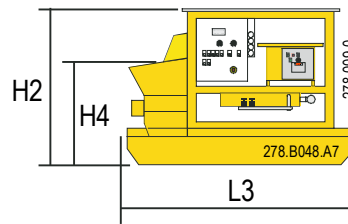
The AL-278 is supplied with electric drive. The modular and compact design and the easy handling guarantee a trouble-free operation.

The AL-278 is available with a mobile trailer or with a skid frame, with or without accelerator tank.

For mounting onto a concrete spraying system, the AL-278 is divided into a pump module and a power module.

Dimensions with chassis


Length L1 / L2	: 4210 / 5470 mm
Width	: 2060 mm
Height H1	: 2050 mm
Hopper height H3	: 1275 mm
Weight (Tank = empty)	: approx. 3100 kg
Hopper volume	: 300 liters

Dimensions with skid


Length L3 / L4	: 2750 / 3810 mm
Width	: 1610 mm
Height H2	: 1915 mm
Hopper height H4	: 1140 mm
Weight (Tank = empty)	: approx. 2950 kg
Hopper volume	: 300 liters

Electric drive

Motor output	: 37 kW
Voltages	: 400 V 50 Hz 440 V 60 Hz
Protection	: IP 55

Theoretical conveying data

Conveying output ¹⁾	: 4 – 23 m ³ /h
Concrete press. max.	: 70 bar
Grain size max.	: 16 mm (spraying) 32 mm (pumping)
Conveying distance max.:	: 300 m (horizontal) 60 m (vertical)
Conveying air consumption ²⁾ (by 6 bar air pressure)	: per m ³ sprayed concrete approx. 0.6 Nm ³ /min until 1.0 Nm ³ /min.

1) With theoretical filling degree of 100%

2) Air consumption datas are approximate values and are depending on conveying output, conveying distance and hose diameter.

1 Nm³/min. = 35 cfm

AL-278 – with chassis, accelerator tank and dosing unit

