

# Core Sand Mixers

The KLANN PKM core sand mixers have the following features:

- slightly inclined mixer bin with a spherical bottom assure an intensive mixture without any dead zones
- no use of flaps or sliders for material discharge, so no plugging or clogging by hardened mixture is a problem. Emptying by tilting of the mixer bin
- the design of the mixer with the front discharge allows an installation on the floor level with easy access. In combination with the KLANN hoist gear transport system HLK a direct supply of core shooters from the floor level is possible.
- mixer bin and tools easily accessible for cleaning or change
- binder nozzles with quick release couplings for cleaning and capacity gauging
- fast production of small mixer charges to avoid longer retention times and pre-hardening before shooting
- high energy efficiency

The sand feed can be dosed either by a volumetric dosing device or by a weighing device. The volumetric dosing device allows fixed half or full mixture loads. The weighing bin offers variable loads of different raw material and additives to a certain precision. These dosing devices are offered by KLANN as part of the core sand processing equipment.



*PKM mixer in discharge position*



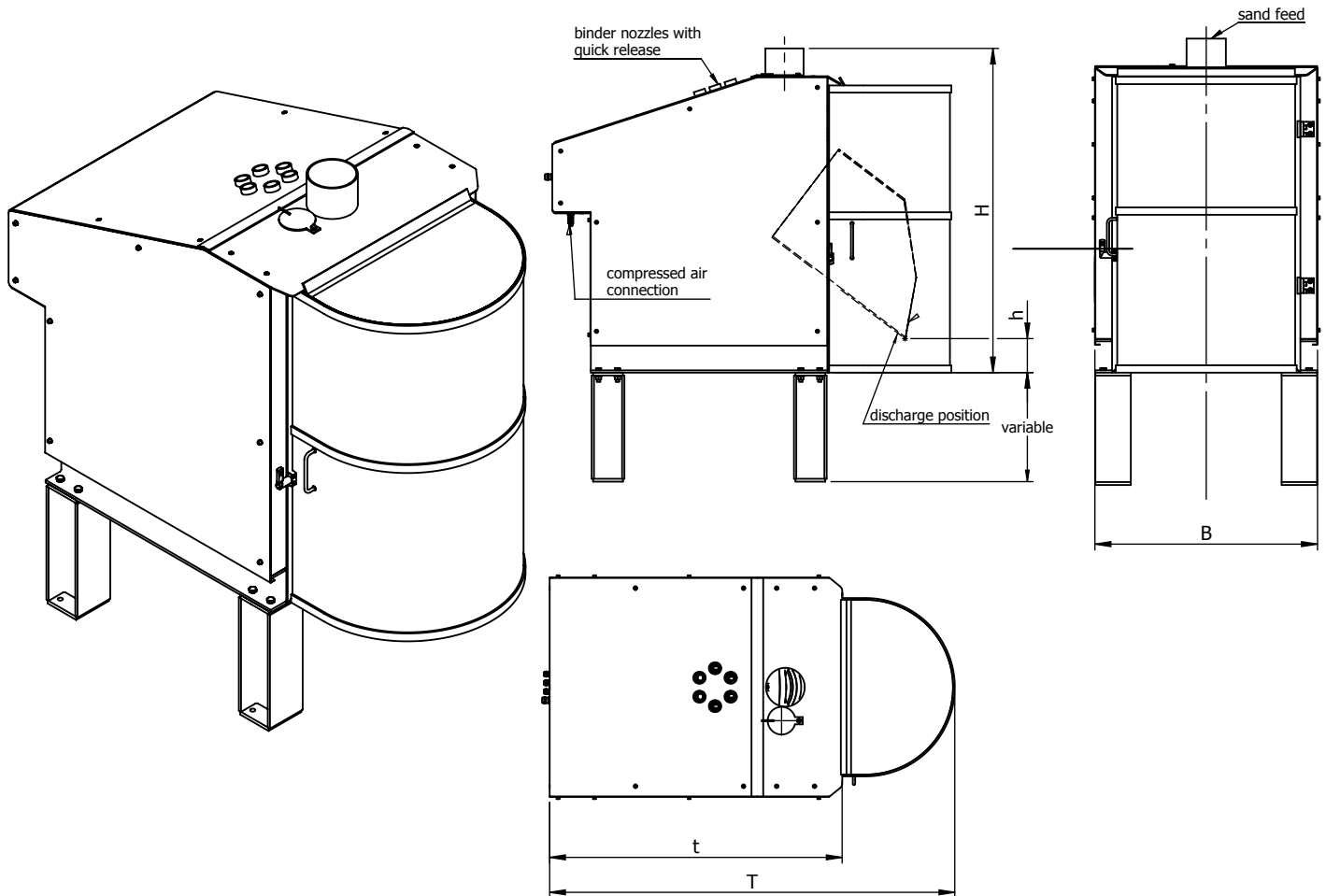
*PKM mixer with front protection for separate installation*



*integration of a PKM mixer at floor level with a HLK sand distribution system*



# Core Sand Mixers



main dimensions PKM mixer without sand dosing equipment

	PKM-30	PKM-40	PKM-50
<b>mixing volume:</b>	30 liters	40 liters	50 liters
<b>mixer charges:</b>	22.5 – 45 kg	30 – 60 kg	37.5 – 75 kg
<b>max. production:</b>	2.2 t/hr	2.9 t/hr	3.6 t/hr
<b>drive power:</b>	2.2 kW	3.0 kW	4.0 kW
<b>main dimensions:</b>			
<b>mixer width [B]:</b>	760 mm	850 mm	930 mm
<b>mixer height without support [H]:</b>	1,130 mm	1,200 mm	1,300 mm
<b>discharge height [h]:</b>	120 mm	50 mm	50 mm
<b>depth incl. front protection [T]:</b>	1,400 mm	1,500 mm	1,600 mm
<b>depth without front protection [t]:</b>	1,010 mm	1,100 mm	1,200 mm