



TURBOSOL[®]

PUMPING TECHNOLOGY FOR THE BUILDING INDUSTRY

TURBOSOL
over 60 years
of experience
and reliability

TRANSMAT 27.45

PNEUMATIC CONVEYOR



TRANSMAT 27.45: user-friendly and high performance machine for large volumes of screeds.

www.turbosol.it

TM 27.45

TECHNICAL DATA	DC	DCB	DCBP
Liquid cooled diesel engine	4-cylinder - Perkins - 404D22 - 37,3 kW - 51 HP (stage III A)		
Air compressor Rotair-Turbosol	4.500 l/min at 6 bar		
Pressure vessel capacity	270 l	270 l	270 l
Output per cycle*	200 ÷ 220 l	200 ÷ 220 l	200 ÷ 220 l
Cycles per hour	14 ÷ 16	20 ÷ 22	22 ÷ 24
Delivery distance*	180 m	180 m	180 m
Delivery height*	120 m	120 m	120 m
Filling height	97 cm	36 cm	36 cm
Loading bucket capacity	---	270 l	270 l
Scraping shovel	no	no	yes
Max. aggregate size	hose Ø 65 mm - 20 mm (standard) hose Ø 50 mm - 12 mm hose Ø 90 mm - 30 mm		
Chassis	Manual draw bar - fixed axle and pneumatic wheels On-road towing - with brakes and suspension approved for road use		
Tank capacity	60 l	60 l	60 l
Size (L x W x H)	397 x 150 x 150 cm	393*** (465**) x 150 x 220*** (150**) cm	
Weight	1.400 kg	1.600 kg	1.650 kg
Versions	basic	with loading bucket	with loading bucket and shovel

* The data indicated are theoretical and depend on the quality and consistency of the materials to be used, volume of air, wear and tear of the pump and the diameter of the hoses. The performance in distance and height can not be reached simultaneously. ** with lifted bucket *** with lowered bucket and scraping shovel



Characteristics

Transmat 27.45 is a mixing and pumping machine for screeds, mortar and concrete with diesel engine and built-in compressor. Models available: manual loading **DC**, with loading bucket **DCB**, with loading bucket and scraping shovel **DCBP**. On-road towing setup upon request.

Applications

- Semi-dry floor screeds
- Mixes poor in cement or water
- Insulating screeds based on expanded clay, polystyrene, perlite, vermiculite, cork, etc.
- Washed sand, gravel, etc.
- Fine concrete and concrete up to maximum 30 mm aggregate size

Technical advantages

- Automatic pumping cycle: the 4-cylinder liquid cooler diesel engine automatically turns to idle speed at the end of each cycle assuring low fuel consumption and reducing wear while maintaining the material smooth during the pumping cycles.
- Safety grill on the vessel that automatically shuts down the mixer when it is opened.
- Automatic 2-speed mixer shaft.

Scope of delivery

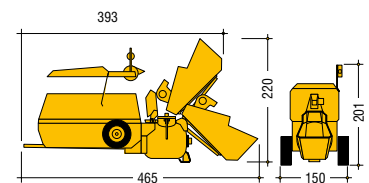
- Certified pressure vessel with internal highly resistant wear plates
- Mixer with oriented mixing blades
- Delivery manifold Ø 65 mm with Perrot couplings
- Screw air compressor
- Hydraulic circuit for operating all components
- Fuel level indicator
- Hour meter
- Lifting eye
- Loading bucket and scraping shovel (DCB and DCBP versions)
- 40 m (20+10+10) rubber hose Ø 65 mm with Perrot couplings
- Manual grease pump
- N. 1 metal hose bracket
- N. 2 plastic hose brackets
- Auxiliary air outlet
- Delivery hopper
- Vessel hatch gasket
- Accessory box

Optionals

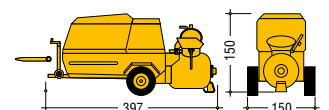
- Accessory box and hoses Ø 50 with cam-lock couplings
- Accessory box and hoses Ø 90 with Victaulic couplings
- 10 or 20 m extension hoses Ø 90, Ø 65, Ø 50 and related accessories
- Certified on-road towing set-up with brakes and lights (/T version)
- Truck/car coupling
- Automatic lubrication system
- High pressure cleaner with hose, gun and nozzles
- Air-booster for additional compressor connections

DIMENSIONS WITH DRAWBAR (cm)

DCB/DCBP version



DC version



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Standard equipment and optionals could vary due to specific market and legal requirements. The data in this brochure are purely indicative. Turbosol Produzione S.p.A. could make alterations to the models described in this brochure at any time for technical and commercial reasons.

