

# Material pressure tanks

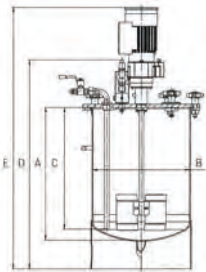
The use of material pressure tanks is suggested when coating large surface areas and performing continuous spraying work. The greatest advantage of pressure tanks is that the material flow is absolutely free of pulsation, which leads to excellent spraying results. Furthermore, there is no more time-consuming refilling of gravity feed and pressure cups for all conventional air atomizing guns and material supply with material pressure containers. Pressure tanks are ideal for use with abrasive materials, as they have virtually no wear parts. They are also very suitable for shear-sensitive materials. Customer-specific pressure tank solutions are available on request.



Characteristics				
Stainless steel version	●	●	●	
Galvanized steel version				
Material pressure range -1 bar up to +6 bar	●	●	●	
Pulsation-free material feeding	●	●	●	
No material shearing	●	●	●	
Self-filling by vacuum				
Conveying out of delivery container	●	●	●	
Modularly expandable				
Inliner plastic (polypropylene, Atex)	●	●		
Inliner optionally stainless steel / galvanized				

Processable material				
Water-based materials	●	●	●	
Solvent-based materials	●	●	●	
UV-sensitive material	●	●	●	
Shear-sensitive material	●	●	●	
Moisture-sensitive material	●	●	●	

Agitators				
Without agitator (ORW)	●	●	●	
Manual agitator (HRW)	●	●	●	
Compressed air operated (DRW)*	0.16 kW, max. 400 1/min	0.36 kW, max. 200 1/min	0.36 kW, max. 200 1/min	
Electrically operated (ERW)*	-	0.12 kW, 60 1/min	0.12 kW, 60 1/min	

Dimensions				
Volume / Net capacity in litres		4.9 / 3.5	11.4 / 9	18 / 15
Inner height <b>A</b> (in mm)		196	251	341
Inner diameter <b>B</b> (in mm)		183	232	269
Riser tube <b>C</b> (in mm)		-	233	305
Material connection top		1/4"	1/4"	3/8"
Material connection bottom		1/2"	1/2"	1"
Total height with ORW** <b>D</b> (in mm)		381 / 414	445 / 481	524 / 604
Total height with HRW** <b>E</b> (in mm)		538 / 568	592 / 624	681 / 757
Total height DRW** <b>E</b> (in mm)		388 / 416	515 / 547	604 / 680
Total height ERW** <b>E</b> (in mm)			659 / 691	748 / 824

\* also available in non ATEX      \*\*Material connection or outlet: top / bottom  
Other tank designs with additional bores, sleeves, level probes etc. are available on request