

		Technical Data Sheet						30.01.2026
		STORM 45-10						9.45.05-10.12
Performance data								
5 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	3.000	
	Volume flow*	m³/min	2,33	3,76	5,24	6,58	7,86	
	Terminal power (incl. fan)	kW	14,78	21,20	28,15	35,66	42,59	
6 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	3.000	
	Volume flow*	m³/min	2,31	3,75	5,21	6,55	7,84	
	Terminal power (incl. fan)	kW	16,12	23,17	30,63	38,53	46,29	
7 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	3.000	
	Volume flow*	m³/min	2,29	3,72	5,19	6,54	7,81	
	Terminal power (incl. fan)	kW	17,59	25,19	33,52	41,97	49,71	
8 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	3.000	
	Volume flow*	m³/min	2,27	3,70	5,18	6,53	7,77	
	Terminal power (incl. fan)	kW	19,80	27,25	35,96	45,17	53,21	
9 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	2.800	
	Volume flow*	m³/min	2,26	3,68	5,16	6,52	7,25	
	Terminal power (incl. fan)	kW	21,05	29,41	38,80	48,14	53,31	
10 bar	Rpm airend	1/min	1.000	1.500	2.000	2.500	2.600	
	Volume flow*	m³/min	2,23	3,67	5,15	6,49	6,74	
	Terminal power (incl. fan)	kW	22,76	31,61	41,54	51,42	53,18	
Idle terminal power		kW	6,20					
Airend			YNE-143RB					
Ratio motor / airend			1 / 1					
Sound pressure level **		dB(A)	79					
Air discharge temperature over ambient		K	≤ 10					
Electrical data								
Voltage		V	400					
Frequency		Hz	50					
Rated motor power		kW	45					
Starting method			Frequency inverter					
Efficiency class			IE-5					
Enclosure / ISO class			IP 65 / F					
Rated fan motor power		kW	2,2					
Recommended cable cross-section (cable length max. 10m)		mm²	35					
Recommended fuse		A	100					
Cooling data								
Type of cooling			Air cooling					
Cooling air capacity		m³/h	13.500					
Ambient temperature (min/max)		°C	+5 - +45					
Dimensions, weight, filling quantities								
Dimension stand alone compressor (L x W x H)		mm	1260 x 1140 x 1962					
Weight stand alone compressor		kg	900					
Compressed air outlet stand alone compressor		"	2					
Oil capacity		l	40					
Residual oil content		mg/m³	3 - 5					

* Measurements and specification of the data according to ISO1217 Annex E

** Tolerance ± 3dB (A)

Due to constant product improvements, Tolpec GmbH reserves the right to change technical data without prior notice. Errors expected.

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