

PTD 20 – PTD 40 – PTD 60



Pneumatic parts transporter

- Double-acting cylinder system
- No standstill due to air changing direction of action
- Piston runs freely without any lateral load
- Rust-free materials
- Ceramic coating on main body giving long service life
- Excellent seal design, self-adjusting, highly abrasion-resistant
- Extremely small dimensions
- Low-noise due to integral silencer
- Remote speed control possible
- Speed controlled from the front by air outlet throttle
- Impact force setting adjustment screw at the front
- Flexible compressed air range from 3.5 to 6.0 bar
- Can be used without additional equipment

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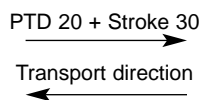
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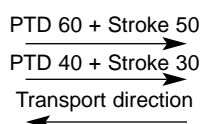
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A Milacron Company

PTD 20



PTD 40 - PTD 60



REF		PTD 20	PTD 40	PTD 60
Max. load		20	40	60
Max. trough weight,	kg	10	18	24
Trough inclination	max. j	8	8	8
Feed rate	m/min.	8-10	8-10	12-15
Max stroke length	mm	30	30	50
Stroke frequency min	Str./min.	40	40	40
	max Str./min.	80	80	80
Air pressure	bar	3,5-6,0	3,5-6,0	3,5-6,0
Air consumption	l/min.	0,5	1,5	1,5
Air connection	G	3/8	1/2	1/2
Unit	length	mm	214	288
	width	mm	78	122
	height	mm	43	62
Noise level	dB (A)	48	55	55
Weight	kg	1,4	4,2	4,4
Operating temperature	Cj *	0 - 70	0 - 70	0 - 70
Control		Pneum.	Pneum.	Pneum.

* 200jC max. upon request

REF	Description	REF	Description
PTS	quick-release coupling	PTF 30	up to 30 kg
PTN	connection nipple	PTF 15	up to 15 kg



Trough guide PTF 30

Stroke

Trough guide PTF 15

Stroke

Trough construction

material: preferably stainless steel
 metal thickness: 1.0 - 1.5 mm
 max. dimensions: see table
 edge heights: as desired
 bend angle: max. 120j
 oily parts: insert a rib mesh or diamond grating

Unit and trough assembly:

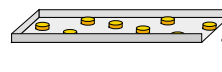
preferably by means of angle brackets outside the tool
 install the troughs using the trough guide so that they are free of vibration without height distortion
 Lock screws with screw locking fluid

To increase performance:

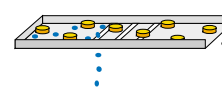
trough at a slight gradient
 increased pressure, adjustment of throttle and control screws.

Example:

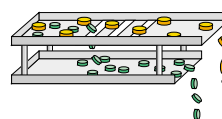
Standard trough



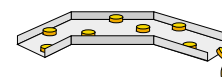
Standard troughs with longitudinal slots for sorting the punched blanks



Double troughs for sorting parts and tools with a cutting blade



120j angle trough



Multiple troughs for sorting, and for use with large quantities of parts

