

Product performance and picture

Items	Conditions	MPT-CA Standard 1-20T Hydro Pneumatic Cylinder
Action type		Double action
Action pressure		Clean compressed air of 3-7kg/cm ²
Anti-wear hydraulic oil		Anti-wear hydraulic oil of VG 68#
Operating temperature		0-55℃
Operating speed		50-400mm/s
Anti-pressure of oil tank		300kg/cm ²
Anti-pressure of neumatic cylinder		12kg/cm ²
Prepress stroke tolerance		+1.00mm 0.00mm
Power stroke tolerance		+0.20mm 0.00mm
Frequency		20-40times/min(related to the specific pre-pressure and booster stoke
High pressure output		1-20T(the actual output tonnage according to the customer demand)



The cylinder has a reasonable product structure and is easy to operate and maintain. It has a medium length in longitudinal compare to others, so only apply to the word environment without restrictions in longitudinal length. As a result of the above characteristics, so this cylinder applies to metal stamping, riveting electronic components and squeezing die and forming, as well as other word environment without high requirements for frequency.

※ In the absence of special circumstances, the cylinders are used in oil and gas contact mode, the cylinder can only adopting the mode (down from the installation, such as mode); if need to use other installation, should inform our company before ordering.

Product detailed models information

MPT-CA-100-100-20E-10T

Derived numbers of standard 1-20T Prepress booster

Cylinder diameter and output		Total stroke		Power stroke		Output tonnage	
Cylinder diameter	High-pressure output	Scale value	Approach stroke	Scale value	Power stroke	Scale value	Tonnage value
63	1 ton force	50	50mm	5E	5mm	1T	1 tons
63	3 ton force	100	100mm	10E	10mm	3T	3 tons
80	5 ton force	150	150mm	15E	15mm	5T	5 tons
80	8 ton force	200	200mm	20E	20mm	10T	10 tons
100	10 ton force	250	250mm			15T	15 tons
100	13 ton force	300	300mm			20T	20 tons
125	15 ton force	350	350mm				
125	20 ton force	400	400mm				

Note: 1、Above data is designed by our company. If you need the customized 'tonnage', 'output stroke', 'prepress stroke' and 'lifting force', we accept the special order.
 2、Above output is the output tonnage at the work pressure of 6kg/cm².
 3、Above total stroke is the sum of the quick and high-pressure output stroke.