

Multi-purpose cylinders with spring return Series CMI



FEATURES

All cylinders have collar threads on the cylinder body and mounting holes in the base.

They are supplied with an interchangeable grooved pushing saddle and models above 30 tonne are supplied with a carry handle.

A wiper seal is fitted to models above 5 tonne to prevent the penetration of dirt and to extend cylinder life.

OPERATIONAL AREAS

These cylinders can be operated in any position and are extremely versatile and suitable for different applications, including industrial body shops, steel structural works, presses and special applications.

The nitride treatment gives these cylinders an excellent resistance to corrosion and makes them particularly suitable to operate in the open air or in aggressive environments.

ACCESSORIES

ZTT tilt saddle, reduces the effects of any possible off-centred load.

STANDARD

Base mounting holes.

Pushing saddle, prevents any risk of rod deformation.

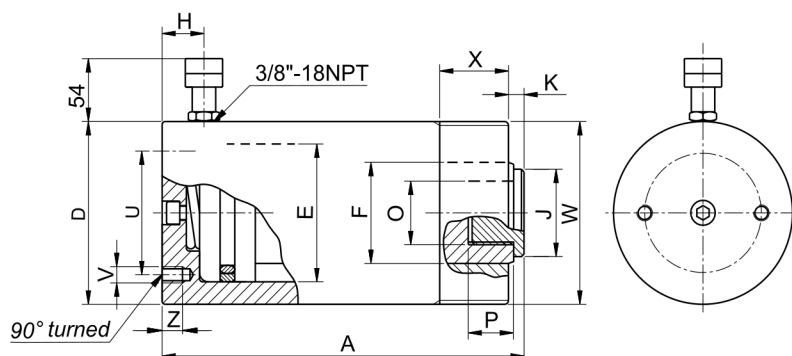


To operate these cylinders the **MD** power units are particularly suitable.

ACCESSORIES: ZTT TILT SADDLES

	MODEL	For use with	a	b	c	j	u	z	w	kg
	ZTT10	CMI10N25	16	1	-	34	-	5,5	24	0,1
	ZTT11 ZTT31	CMI10N ### CMI25N ### CMI30N210	9 16	21 30	12 14	34 53	M24x2 M32x2	- -	- -	0,1 0,3
	ZTT51 ZTT101	CMI50N ### CMI100N ###	18 22	26 32	8 10	68 88	65 85	5,5 6,5	45 65	0,8 1,6

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- Force **5 - 100 t**
- Stroke **25 - 350 t**
- Max working pressure **700 bar**

SELECTION CHART

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Pushing force	Stroke	Oil volume	MODEL	Closed height	External Dia.	Piston Dia.	Rod Dia.	Coupler height	Hollow saddle Dia.	Rod projection	Rod internal thread	Rod thread depth	PCD mounting holes	Base mounting holes_Holes depth	Collar thread_Thread length	Weight
t* kN	mm	cm ³		A mm	D mm	E mm	F mm	H mm	J mm	K mm	O mm	P mm	U mm	V /Z mm	W / X mm	kg
5 49,5	25	18	CMI5N25	92	40	30	25	19	24,5	2	M16x1,5	14	25	M6 10	M40x1,5 28	1,1
	50	35	CMI5N50	117												1,3
	75	53	CMI5N75	142												1,5
	125	88	CMI5N125	202												1,9
	175	124	CMI5N175	252												2,3
	225	159	CMI5N225	302												2,7
10 111	25	40	CMI10N25	83	60	45	35	19	33⊗	1⊗	-	-	39	M8 12	M60x1,5 28	2,0
	50	80	CMI10N50	120												2,6
	100	159	CMI10N100	170												3,5
	150	238	CMI10N150	245												4,7
	200	318	CMI10N200	295												5,6
	250	398	CMI10N250	345												6,5
	300	477	CMI10N300	408				33	M65x2 28	9,03						
	350	557	CMI10N350	458						10						
25 232	25	83	CMI25N25	119	85	65	55	19	53	9	M32x2	16	58	M10 14	M85x2 40	4,6
	50	166	CMI25N50	144												5,3
	100	332	CMI25N100	214												7,5
	150	498	CMI25N150	264												8,8
	200	664	CMI25N200	314												10,2
	250	830	CMI25N250	364												11,6
	300	996	CMI25N300	414												13,0
	350	1161	CMI25N350	464												15,0
30 309	210	928	CMI30N210	386	102	75	55	47	53	9	M32x2	16	-	-	3 5/16"-12 49	18,4
50 496	50	354	CMI50N50	164	127	95	80	25	65	4	M16	12	95	M12 18	M125x2 40	14,2
	100	709	CMI50N100	214												17,4
	150	1063	CMI50N150	264												20,8
	325	2304	CMI50N325	439												32,6
100 929	100	1327	CMI100N100	246	175	130	100	26	85	4	M16	17	140	M12 18	M168x2 51	39,6
	150	1991	CMI100N150	296												46,0

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