

Pascal Die Lifter DLF

Hydraulic lifted die loading device



Model		DLF28	DLF50	DLF80	
Lifting stroke N	mm	3		4	
Max. load per roller	kN	0.98	1.86	5	
Lifting force per cylinder (at hydraulic pressure 24.5 MPa)	kN	4.45	1.2	33.9	
Cylinder capacity (per cylinder)	cm ³	0.54	1.5	5.6	
Weight per 100 mm	Y (Standard)	kg	0.66	1.5	3.6
	H (Heavy load)	kg	0.7	1.6	3.8
Standard length	mm	300 ~ 2000	400 ~ 2000	500 ~ 2000	
Die-lifter width A	mm	28	50	80	
Slot depth B	mm	45	53	80	
Roller diameter	mm	ø21	ø22	ø34	
Roller width	mm	17	28	54	

- Working hydraulic pressure : 24.5 MPa. • Proof pressure : 36.7 MPa • Operating temperature : 0 ~ 70°C.
- DLF50 roller is more durable than the one of DLF28, so DLF50 is recommendable. • DLF80 is the specification for large press machine (more than 8000kN).

Pascal Die Roller DRA

Spring lifted die lifting device



Model		DRA18	DRA20	DRA30	
Lifting force per 100 mm (1 line)	kN	0.588	0.735	1.47	
Weight per roller	DRA□ -200-□ (Length 200mm)	kg	0.31	0.36	0.75
	DRA□ -300-□ (Length 300mm)	kg	0.46	0.53	1.13
Lifting force per height adjustment bolt	kN	0.294	0.367	0.735	

- Operating temperature : 0 ~ 110°C • Select requested total length in combinations of 200 mm and 300 mm die-lifting rollers.
- Lock the height adjustment bolts with lock nuts after adjusting height.
- Lifting force can be reduced by removing the height adjustment bolts. The bolts at both ends of the die-lifting rollers should not be removed.