

**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 <sup>3</sup>	0.54	1.5	5.6
Weight per 100 mm	Y (Standard)	kg	1.5	3.6
	H (Heavy load)	kg	0.7	1.6
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.