



Double Cylinder 66 ton – 185 ton

The double cylinder "S/SD" series are in the Fabmaster tradition of well engineered ironworkers built for high power, quality, and reliability. These ironworkers have two control foot pedals, and separate operations can be safely performed simultaneously. The low pressure setting for tool change provides maximum operation safety. The long punching cylinder stroke and deep throat enable mounting a wide range of special equipment. The large punching base with the "T-slot" mounting provides a solid base for securing the punching tooling, as well as a wide range of optional and custom designed tooling.



Model	IW-60S IW-60SD	IW-80S IW-80SD	IW-110S IW-110SD	IW-135S IW-135SD	IW-185SD
Punching					
Punching Force	60 Ton	80 Ton	100 Ton	125 Ton	165 Ton
Punch Capacity	ø22 x 20	ø26 x 22	ø28 x 26	ø33 x 27	ø37 x 32

(Diameter x Thickness)	ø50 x 9	ø50 x 12	ø50 x 15	ø50 x 18	ø50 x 24
Throat Depth (S)	310	310	310	310	-
Throat Depth (SD)	510	510	510	510	510
Max. Stroke Length	100	100	100	100	100
Cycles / Min. (20mm stroke)	30	29	28	28	29
Working Height Up to Die	1010	1050	1044	1069	1050
Angle Shearing					
At 90° Shearing	130 x 130 x 12	150 x 150 x 12	150 x 150 x 15	150 x 150 x 15	200 x 200 x 20
At 45° Miter Shearing	65 x 65 x 8	75 x 75 x 9	75 x 75 x 9	75 x 75 x 9	75 x 75 x 9
Working Height	1115	1165	1216	1185	1185
Flat Shearing					
Flat Bar Shear	350 x 15	460 x 15	610 x 16	610 x 18	760 x 20
(Width x Thickness)	240 x 20	300 x 20	400 x 20	400 x 25	400 x 30
Blade Length	360	465	620	620	770
Angle Flange Trim	100	100	100	100	120
Working Height	910	926	954	920	920
Bar Shearing					

Round Bar Shear	ø40	ø45	ø45	ø50	ø60
Square Bar Shear	38 x 38	45 x 45	45 x 45	50 x 50	60 x 60
Channel Shear (H x B)	125 x 65*	150 x 75*	150 x 75*	150 x 75*	200 x 90*
I Beam Shear (H x B)	-	150 x 75*	150 x 75*	150 x 75*	200 x 100*
Working Height	1220	1270	1332	1310	1370
Notching					
Rectangular Notcher (W x D x T)	50.8 x 90 x 9	50.8 x 90 x 12	63.5 x 90 x 12	63.5 x 90 x 13	63.5 x 90 x 16
Vee-Notcher (Side x Side x T)	90 x 90 x 10*	90 x 90 x 12*	105 x 105 x 12*	105 x 105 x 13*	105 x 105 x 16*
Working Height	910	926	954	920	920