



Model		S385C	S365C	S340B	S325B	S320B	S305
Shear Forces*							
Throat**	kN	12 509	10 342	6818	5562	3706	1812
	(st)	(1405)	(1162)	(766)	(625)	(417)	(204)
Apex	kN	4413	3576	2751	2221	1583	653
	(st)	(496)	(402)	(309)	(250)	(178)	(73)
Tip	kN	2455	1975	1558	1274	892	385
	(st)	(276)	(222)	(175)	(143)	(100)	(43)
Shear arm torque	kN·m	2779	2083	1374	931	534	140
	(lbf·ft)	(2,050,000)	(1,536,000)	(1,013,700)	(686,900)	(394,100)	(103,600)
Cycle time, open	seconds	5	5	5	5	4	3.5
Cycle time, close	seconds	3	3	3	3	3	2.5
Hydraulic Requirements, Cutting Circuit							
Maximum relief pressure	kPa	35 000	35 000	35 000	35 000	35 000	25 000
	(psi)	(5075)	(5075)	(5075)	(5075)	(5075)	(3625)
Maximum recommended flow	L/min	690	530	300	200	150	60
	(gpm)	(182)	(140)	(79)	(53)	(40)	(16)
Hydraulic Requirements, Rotation Circuit							
Maximum relief pressure	kPa	14 000	14 000	14 000	14 000	14 000	10 000
	(psi)	(2030)	(2030)	(2030)	(2030)	(2030)	(1450)
Maximum recommended flow	L/min	80	80	40	40	40*	20
	(gpm)	(21)	(21)	(11)	(11)	(11*)	(5)

*Calculated with a maximum operating pressure of 35 MPa (5075 psi).

**Measured at innermost cutting point of the jaw.