



Mach One[®]
series

TECHNICAL DATA

Characteristic

Bending capacity (mm)	1.600	2.100	2.100	2.600	3.100	2.100	2.600	3.100	3.600	4.100	6.100
Tons of force (t)	30	30	70	70	70	100	100	100	100	100	100
Neck opening (mm)	300	300	300	300	300	400	400	400	400	400	400
Travel (mm)	280	280	280	280	280	280	280	280	280	280	280
Span (mm)	480	480	480	480	480	480	480	480	480	480	480
Span 2 (mm)	520	520	520	520	520	520	520	520	520	520	520
Fast descent speed. Y axis (mm/s)	210	210	210	210	210	200	200	200	200	200	200
Bending speed. Y axis (mm/s)	0-10/20*	0-10/20*	0-10/18*	0-10/18*	0-10/18*	0-10/18*	0-10/18*	0-10/18*	0-10/18*	0-10/18*	0-10/18*
Return speed. Y axis (mm/s)	140	140	145	145	145	145	145	145	145	145	125
RS S-Boost. Y axis speed (mm/s)	230	230	220	220	220	220	220	220	220	220	200
Tank / oil capacity (L)	75	75	120	120	120	180	180	180	180	180	180
Back gauge travel (mm)	600	600	750	750	750	750	750	750	750	750	750
Motor power (kW)	4	4	7,5	7,5	7,5	11	11	11	11	11	11
Length (mm)	2520	2.900	2.860	3.360	3.860	2.880	3.380	3.880	4.380	4.880	6.960
Height (mm)	2.550	2.550	2.745	2.745	2.745	2.780	2.780	2.780	2.780	2.780	3.120
Width (mm)	1.790	1.790	1.985	1.985	1.985	2.040	2.040	2.040	2.040	2.040	1.950
Distance between studs (mm)	1.220	1.600	1.600	2.100	2.600	1.600	2.100	2.600	3.100	3.100	5.100
Height below ground (mm)	0	0	0	0	0	0	0	0	0	0	0
Approximate weight (kg)	3.280	3.570	5.800	6.300	7.000	6.800	7.430	8.120	9.280	10.000	19.000



Characteristic

Bending capacity (mm)	3.100	3.600	4.100	6.100	3.100	3.600	4.100	6.100	3.100	3.600	4.100	6.100	3.100	3.600	4.100	6.100
Tons of force (t)	135	135	135	135	160	160	160	160	200	200	200	200	250	250	250	250
Neck opening (mm)	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Travel (mm)	280	280	280	280	280	280	280	280	280	280	280	280	330	330	330	330
Span (mm)	480	480	480	480	480	480	480	480	480	480	480	480	550	550	550	550
Span 2 (mm)	520	520	520	520	520	520	520	520	520	520	520	520	590	590	590	590
Fast descent speed. Y axis (mm/s)	200	200	200	200	200	200	200	200	200	200	200	200	180	180	180	180
Bending speed. Y axis (mm/s)	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10/17*
Return speed. Y axis (mm/s)	135	135	135	135	155	155	155	135	130	130	130	110	130	130	130	110
RS S-Boost. Y axis speed (mm/s)	200	200	200	200	205	205	205	195	200	200	200	180	205	205	205	195
Tank / oil capacity (L)	230	230	230	230	230	230	230	230	290	290	290	290	390	390	390	390
Back gauge travel (mm)	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Motor power (kW)	11	11	11	11	15	15	15	15	15	15	15	15	19	19	19	19
Length (mm)	3.900	4.400	4.000	6.080	3.910	4.400	4.900	6.980	3.930	4.420	4.920	7.000	3.940	4.440	4.940	7.020
Height (mm)	2.885	2.885	2.885	3.180	2.935	2.935	2.935	3.290	2.935	2.935	2.935	3.500	3.435	3.435	3.435	3.770
Width (mm)	1.710	1.710	1.710	1.950	1.780	1.780	1.780	2.000	1.920	1.920	1.920	2.000	1.955	1.955	1.955	2.100
Distance between studs (mm)	2.600	3.100	3.100	5.100	2.600	3.100	3.100	5.100	2.600	3.100	3.100	5.100	2.600	3.100	3.100	5.100
Height below ground (mm)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Approximate weight (kg)	9.900	10.600	11.100	20.000	10.470	11.940	12.460	24.100	12.580	13.240	14.450	27.000	15.150	15.650	16.200	33.600



Characteristic

Bending capacity (mm)	3.100	3.600	4.100	6.100	3.600	4.100	6.100	3.600	4.100	6.100	3.600	4.100	6.100	4.100	6.100
Tons of force (t)	300	300	300	300	400	400	400	450	450	450	500	500	500	600	600
Neck opening (mm)	400	400	400	400	400	400	400	400	400	400	400	400	400	400	400
Travel (mm)	330	330	330	330	380	380	380	380	380	380	380	380	380	430	430
Span (mm)	550	550	550	550	600	600	600	600	600	600	600	600	600	650	650
Span 2 (mm)	590	590	590	590	640	640	640	640	640	640	640	640	640	690	690
Fast descent speed. Y axis (mm/s)	180	180	180	180	170	170	170	150	150	150	140	140	140	130	130
Bending speed. Y axis (mm/s)	0-10/17*	0-10/17*	0-10/17*	0-10/17*	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10	0-10
Return speed. Y axis (mm/s)	130	130	130	110	120	120	100	105	105	90	105	105	90	115	100
RS S-Boost. Y axis speed (mm/s)	205	205	205	195	-	-	-	-	-	-	-	-	-	-	-
Tank / oil capacity (L)	470	470	470	470	380	380	380	380	380	380	380	380	380	600	600
Back gauge travel (mm)	750	750	750	750	750	750	750	750	750	750	750	750	750	750	750
Motor power (kW)	30	30	30	30	30	30	30	30	30	30	30	30	30	45	45
Length (mm)	3.960	4.460	4.960	7.040	4.480	4.980	7.060	4.480	4.980	7.060	4.500	5.100	7.080	5.000	7.080
Height (mm)	3.435	3.435	3.435	3.770	3.720	3.720	3.900	3.720	3.720	3.880	3.790	3.790	4.050	3.960	4.140
Width (mm)	1.955	1.955	1.955	2.200	2.300	2.300	2.450	2.300	2.300	2.450	2.450	2.450	2.530	2.650	2.650
Distance between studs (mm)	2.600	3.100	3.100	5.100	3.100	3.100	5.100	3.100	3.100	5.100	3.100	3.100	5.100	3.100	5.100
Height below ground (mm)	0	0	0	0	0	0	1.350	0	0	1.350	0	0	1.700	900	1.700
Approximate weight (kg)	16.360	17.300	18.000	37.000	22.900	23.900	39.500	23.700	24.800	41.300	26.000	27.600	43.700	32.300	45.000



PREDETERMINED CHARACTERISTICS

Bench prepared for automatic locking

Silent hydraulic pump

4 sided Roller matrix

Roller punch

Plumbing Hoerbiger

Schneider Electric, Delem electrical panel

Wila passive compensation system

Eckerle pump

Delem DA-53T numerical control

AKAS-II F. Safety laser photocell

GIVI optical lines

Additional axes Z1 and Z2 managed via CNC *(recommended)*

HMI bending software *(recommended)*

Delem DA-66T numerical control *(recommended)*

Energy Efficient green system of energy saving *(recommended)*

OPTIONAL CHARACTERISTICS

Thin sheet frontal follower

Wila upper clamping or promecan automatic

3D automatic bending CAD-CAM software

Eye bend angle control, moving laser angle correction

Delem DA-69T numerical control

S-Boost system

SFA movable front supports

AKAS 3P. Safety laser photocell

LedBar European system

Top opening 100 mm more

Automation: robotic cell 50 kg for bending



TAILOR-MADE AUTOMATION SOLUTIONS



Robotization

Robot for optimization of various tasks.



More information:

