

BYSTRONIC 300 FL TUBE LASER MACHINE

H-IPE-IPN PROFILE DIMENSIONS			
DESCRIPTION	Height	Width	Thickness
HEA 100	96	100	5
HEA 120	114	120	5
HEA 140	133	140	5.5
HEA 160	152	160	6
HEA 180	171	180	6
HEA 200	190	200	6.5
HEB 100	100	100	6
HEB 120	120	120	6.5
HEB 140	140	140	7
HEB 160	160	160	8
HEB 180	180	180	8.5
IPE 80	80	46	3.8
IPE 100	100	55	4.1
IPE 120	120	64	4.4
IPE 140	140	73	4.7
IPE 160	160	82	5
IPE 180	180	91	5.3
IPE 200	200	100	5.6
IPE 220	220	110	5.9
IPN 80	80	42	3.9
IPN 100	100	50	4.5
IPN 120	120	58	5.1
IPN 140	140	66	5.7
IPN 160	160	74	6.3
IPN 180	180	82	6.9
IPN 200	200	90	7.5
IPN 220	220	98	8.1

HEA – H Beams
UPN – Channel Sections

UPN PROFILE DIMENSIONS			
DESCRIPTION	Height	Width	Thickness
UPN 40	40	35	5
UPN 50	50	38	5
UPN 65	65	42	5.5
UPN 80	80	45	6
UPN 100	100	50	6
UPN 120	120	55	7
UPN 140	140	60	7
UPN 160	160	65	7.5
UPN 180	180	70	8
UPN 200	200	75	8.5
UPN 220	220	80	9
UPN 240	240	85	9.5

Designation	Mass per metre kg/m	Depth of Section h mm	Width of Section b mm	Thickness of	
				Web s mm	Flange t mm
203x133x30	30	206.8	133.9	6.4	9.6
203x133x25	25.1	203.2	133.2	5.7	7.8
203x102x23	23.1	203.2	101.8	5.4	9.3
178x102x19	19	177.8	101.2	4.8	7.9
152x89x16	16	152.4	88.7	4.5	7.7
127x76x13	13	127	76	4	7.6
203x203x86	86.1	222.2	209.1	12.7	20.5
203x203x71	71	215.8	206.4	10	17.3
203x203x60	60	209.6	205.8	9.4	14.2
203x203x52	52	206.2	204.3	7.9	12.5
203x203x46	46.1	203.2	203.6	7.2	11
152x152x37	37	161.8	154.4	8	11.5
152x152x30	30	157.6	152.9	6.5	9.4
152x152x23	23	152.4	152.2	5.8	6.8

Hollow Box Section – 20x20 box up to 254x254, 20mm wall
Circular Hollow Section – from 20mm round up to 300mm

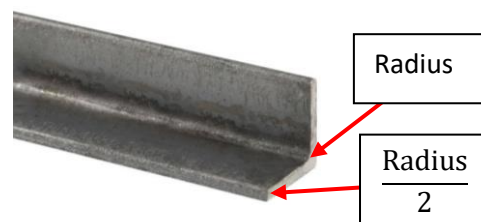
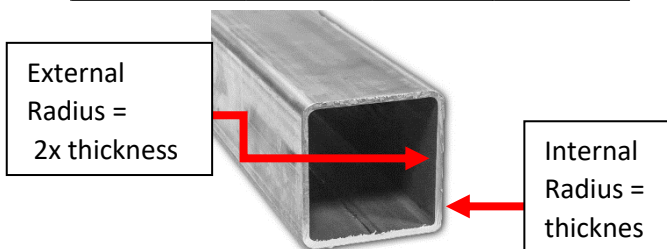
PROFILES THAT CAN BE WORKED ON THE FL300 BUT THAT CAN BE LOADED ONLY IN THE MANUAL MODE

PROFILES THAT CAN BE LOADED AUTOMATIC ONLY IF SPECIAL MANIPULATOR TOOLS ARE INSTALLED

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ANGLES PROFILE DIMENSIONS			
DESCRIPTION	Height	Width	Thickness
20x20	20	20	
25x25	25	25	
30x30	30	30	
35x35	35	35	
40x40	40	40	
45x45	45	45	
50x50	50	50	
55x55	55	55	
60x60	60	60	
65x65	65	65	
70x70	70	70	
75x75	75	75	
80x80	80	80	
90x90	90	90	
100x100	100	100	
110x110	110	110	
120x120	120	120	
130x130	130	130	
140x140	140	140	
150x150	150	150	
30x20	30	20	
35x20	35	20	
40x20	40	20	
40x25	40	25	
45x30	45	30	
50x30	50	30	
60x30	60	30	
60x40	60	40	
80x40	80	40	
75x50	75	50	
100x50	100	50	
80x60	80	60	
120x60	120	60	
100x65	100	65	
130x65	130	65	
110x75	110	75	
120x80	120	80	
200x90	200	90	
150x100	150	100	
200x100	200	100	
90X90X7	90	90	7
90X90X8	90	90	8
90X90X10	90	90	10
90X90X12	90	90	12

ANGLES PROFILE DIMENSIONS			
DESCRIPTION	Height	Width	Thickness
100X100X8	100	100	8
100X100X10	100	100	10
100X100X12	100	100	12
100X100X15	100	100	15
120X120X8	120	120	8
120X120X10	120	120	10
120X120X12	120	120	12
120X120X15	120	120	15
150X150X10	150	150	10
150X150X12	150	150	12
150X150X15	150	150	15
150X150X18	150	150	18
90X75X9	90	75	9
100X65X7	100	65	7
100X65X8	100	65	8
100X65X10	100	65	10
100x75x7	100	75	7
100X75X8	100	75	8
100X75X10	100	75	10
100X75X12	100	75	12
125x75x7	125	75	7
125X75X8	125	75	8
125X75X10	125	75	10
125X75X12	125	75	12
125x75x13	125	75	13
125x90x10	125	90	10
125x90x13	125	90	13
150X75X10	150	75	10
150X75X12	150	75	12
150X75X15	150	75	15
150x90x9	150	90	9
150X90X10	150	90	10
150X90X12	150	90	12
150X90X15	150	90	15
150x100x9	150	100	9
150x100x12	150	100	12
150x100x15	150	100	15
200x90x(9x14 spess)	200	90	9
200X100X10	200	100	10
200X100X12	200	100	12
200X100X15	200	100	15
200X150X12	200	150	12
200X150X15	200	150	15
200X150X18	200	150	18



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