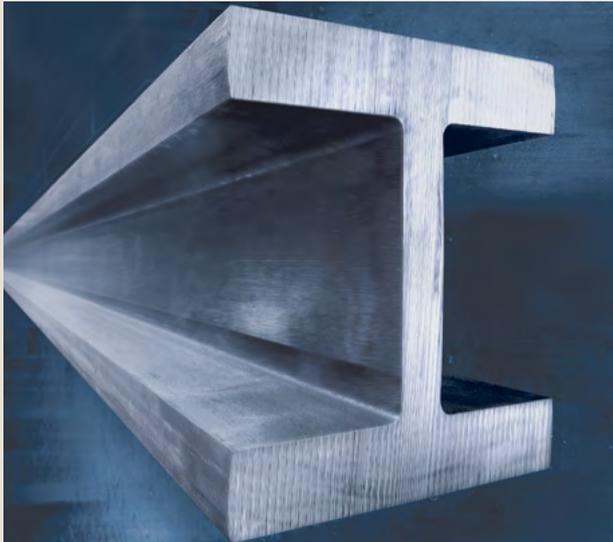




Universal Beams, Universal Columns and Heavy Angles



ArcelorMittal is the world's leading producer of structural steel shapes and has about 100 years experience supplying the United Kingdom and Ireland. With a worldwide network of operations, global research and development centres as well as a dedicated sales team, we are prepared to provide the steel solutions you need. We roll not only the standard sizes available domestically but many unique products, also in frequent rollings.

Super Jumbo Sections

Super Jumbos are very heavy rolled wide flange sections with up to 140 mm flange thickness and weight up to 1377 kg/m.

High Strength Steel Grades

We offer conventional S355 steel and high strength S460M steel. Exceeding the standard requirements, HISTAR® 355 and HISTAR® 460 steels are available, combining high strength with a very

good toughness. An outstanding feature of these high strength steels is their low carbon equivalent values, allowing easier processing by fabricators. As such, preheating before welding can usually be avoided and lead to substantial time and cost savings. Engineers around the world are taking advantage of HISTAR® steel in gravity columns of high-rise buildings, axially loaded members in longspan trusses and in seismic design.

Heavy Angles

Our 250 mm and 300 mm equal leg angles can replace complicated and expensive built-up sections, thereby saving fabrication time and money. Principally aimed for the utilities industry, these new angles can have a positive impact on the design of power and antenna pylons and lattice wind towers – enabling designers to reach new heights, create more efficient designs and deliver a more economical structure.

Beam Finishing

As a complement to the technical capacities of our partners, we are equipped with high-performance finishing tools and offer a wide range of services, such as drilling, flame cutting, T cut-outs, notching, cambering, curving, straightening, cold sawing to exact length, welding and fitting of studs, shot and sand blasting, surface treatment...

Technical Advisory

Upon request, we offer free technical advice to optimize the use of our products in your projects as well as to answer any questions you may have.

Our technical expertise and assistance includes the design of structural elements, construction details, surface protection, fire safety, metallurgy and welding process. Thanks to our high strength steels and Super Jumbos, we are convinced that we will find together the best structural solutions to reduce the overall cost of your projects.

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Rolling Program

Universal Beams / Universal Columns

Serial size	Mass per metre [kg/m]																
UB 1100 x 400	343*	390*	433*	499*	548*	607*											
UB 1000 x 400	296*	321*	371*	412*	443*	483*	539*	554*	591*	642*	748*	883*	976*				
UB 1016 x 305	222	249	272	314	350	393	415	438	494	584							
UB 920 x 420	344*	368*	390*	420*	449*	491*	537*	588*	656*	725*	787*	970*	1077*	1194*	1269*	1377*	
UB 914 x 305	201	224	238	253	271	289	313	345	381	425	474	521	576				
UB 838 x 292	176	194	226	251*													
UB 762 x 267	134	147	173	197	220*												
UB 686 x 254	125	140	152	170	192*												
UB 610 x 305	149	179	238														
UB 610 x 229	101	113	125	140	153*												
UB 610 x 178	82*	92*															
UB 533 x 210	82	92	101	109	122	138*											
UB 533 x 165	66*	74*	85*														
UB 457 x 191	67	74	82	89	98	106*											
UB 457 x 152	52	60	67	74	82												
UB 406 x 178	54	60	67	74	85*												
UB 406 x 140	39	46	53*														
UB 356 x 171	45	51	57	67													
UB 356 x 127	33	39															
UB 305 x 165	40	46	54														
UB 305 x 127	37	42	48														
UB 305 x 102	25	28	33														
UB 254 x 146	31	37	43														
UB 254 x 102	22	25	28														
UB 203 x 133	25	30															
UB 203 x 102	23																
UB 178 x 102	19																
UB 152 x 89	16																
UB 127 x 76	13																
UC 356 x 406	235	287	340	393	467	509	551	592	634	677	744	818	900	990	1086	1202	1299
UC 356 x 368	129	153	177	202													
UC 305 x 305	97	118	137	158	198	240	283	313*	342*								
UC 254 x 254	73	89	107	132	167												
UC 203 x 203	46	52	60	71	86	100*											
UC 152 x 152	23	30	37														

Enquire for stock availability.

*These sections are in addition to the range of EN10365 sections. Sections in **bold** are available in HISTAR® 355 and HISTAR® 460.

Parallel Flange Channels

Heavy Angles

Serial size	Mass per metre [kg/m]
PFC 430 x 100	64
PFC 380 x 100	54
PFC 300 x 100	46
PFC 300 x 90	41
PFC 260 x 90	35
PFC 260 x 75	28
PFC 230 x 90	32
PFC 230 x 75	26
PFC 200 x 90	30
PFC 200 x 75	23
PFC 180 x 90	26
PFC 180 x 75	20
PFC 150 x 90	24
PFC 150 x 75	18
PFC 125 x 65	15
PFC 100 x 50	10

Serial size	Thickness [mm]															
L 300 x 300	25	26	27	28	29	30	31	32	33	34	35					
L 250 x 250	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
L 250 x 250	31	32	33	34	35											
L 200 x 200	13	14	15	16	17	18	19	20	21	22	23	24	25	26		
L 200 x 200	27	28														
L 200 x 100	10	12	14	15	16											
L 180 x 180	13	14	15	16	17	18	19	20								
L 160 x 160	12	13	14	15	16	17	18	19	20							
L 150 x 150	10	11	12	13	14	15	16	17	18	19	20					
L 150 x 100	10	12	14													
L 150 x 90	10	11	12	15												

Smaller angles as per EN 10056-1 down to L35 x 35 and additional sections and merchant bars available upon agreement.