



D&E Steel Pty Ltd
Reg No.2008/013736/07
C/o Wimbledon & Strand Road, Blackheath
PO Box 1051, Kuilsrivier, Western Cape, 7579
Telephone +27(0)21 907 4700 Fax +27(0)21 905 0015
www.degroupp.co.za
VAT no 4330251937

IPE SECTION

IPE sections are hot-rolled steel beams with a cross-sectional profile that resembles a capital letter "I". These beams are engineered with parallel flanges, which gives them consistent width across their length, and a central vertical web that provides shear resistance. Their proportions make them an ideal choice where structural performance is needed with minimal material weight, offering a practical solution for mid-weight to heavy-duty load-bearing applications.

Common Applications

These beams are widely used in commercial and residential construction for the support of floors, roofs, and mezzanines. Due to their geometric efficiency, IPE sections serve as reliable frameworks in multi-storey buildings, bridges, industrial plants, and even as edge beams in slab designs. Their symmetrical shape also ensures ease of alignment during installation.

IPE Sections – SANS 50025 / EN 10025 Grade S355JR

Dimensions	Kg/m	Web dimensions	Flange dimensions	Height	Width
100 x 55	8.104	4.100	5.700	100	55
120 x 64	10.370	4.400	6.300	120	64
140 x 73	12.794	4.700	6.900	140	73
160 x 82	15.772	5.000	7.400	160	82
180 x 91	18.799	5.300	8.000	180	91
200 x 100	22.360	5.600	8.500	200	100

Please contact our Structural Steel Division for sizes not listed above.