STEEL IMPEX INDIA

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Selected beam and channel weights

Supplier examples for commercial estimating. Confirm offered dimensions, grade and quoted mass before ordering.

Selected Mehta Steels ready-stock beam configurations

Product description	Depth x width, mm	Web / flange, mm	Listed kg/m	Area, cm2	Calculated kg/m from area	6 m, kg	12 m, kg
ISMB 125	125 x 70	Not stated / not stated	13.3	—	—	79.80	159.60
ISMB 200	200 x 100	Not stated / not stated	24.2	—	—	145.20	290.40
ISMB 300	300 x 140	Not stated / not stated	46	—	—	276.00	552.00
ISMB 400	400 x 140	Not stated / not stated	61.5	—	—	369.00	738.00
ISMB 500	500 x 180	Not stated / not stated	86.9	—	—	521.40	1,042.80
ISMB 600	600 x 210	Not stated / not stated	123	—	—	738.00	1,476.00

Formula: kg per cut length = stated kg/m x length in metres
Unit: mm, kg/m and kg
Last verified: 23 November 2026
Source: Mehta Steels, Common dimensions of MS beams available in ready stock
Six spaced selections from the supplier's ready-stock beam list. Availability still requires a current quotation. Calculated mass from area uses 7.85 g/cm3. Cut weights use listed mass.

Selected Mehta Steels ready-stock channel configurations

Product description	Depth x width, mm	Web / flange, mm	Listed kg/m	Area, cm2	Calculated kg/m from area	6 m, kg	12 m, kg
ISMC 75	75 x 40	4.8 / not stated	7.14	—	—	42.84	85.68
ISMC 175	175 x 75	6 / not stated	19.6	—	—	117.60	235.20
ISMC 250	250 x 82	9 / not stated	34.2	—	—	205.20	410.40
ISMC 350	350 x 100	8.3 / not stated	42.7	—	—	256.20	512.40
ISMC 400	400 x 100	8.8 / not stated	50.1	—	—	300.60	601.20

Formula: kg per cut length = stated kg/m x length in metres
Unit: mm, kg/m and kg
Last verified: 23 November 2026
Source: Mehta Steels, Common dimensions of MS channels available in ready stock
Five selections from the supplier's ready-stock list. Availability still requires a current quotation. Calculated mass from area uses 7.85 g/cm3. Cut weights use listed mass.

SAIL | Printed page 9, Conventional Structurals

Product description	Depth x width, mm	Web / flange, mm	Listed kg/m	Area, cm2	Calculated kg/m from area	6 m, kg	12 m, kg
ISMB 100 | Durgapur	100 x 50	4.7 / 7	8.95	11.4	8.949	53.70	107.40
ISMB 150 | Durgapur	150 x 75	5 / 8	14.96	19	14.915	89.76	179.52
ISMB 200 | Durgapur	200 x 100	Not stated / not stated	24.17	—	—	145.02	290.04
ISMB 250 | Durgapur	250 x 125	6.9 / 12.5	37.3	47.5	37.288	223.80	447.60
ISMB 300 | Durgapur	300 x 140	7.7 / 13.1	46.02	58.6	46.001	276.12	552.24
ISMC 75 | Bhilai	75 x 40	Not stated / not stated	7.14	—	—	42.84	85.68
ISMC 100 | Durgapur / Bhilai	100 x 50	5 / 7.7	9.56	12.1	9.499	57.36	114.72
ISMC 125 | Durgapur	125 x 65	5.3 / 8.2	13.1	16.6	13.031	78.60	157.20

SAIL | Printed page 9, Conventional Structurals (continued)

Product description	Depth x width, mm	Web / flange, mm	Listed kg/m	Area, cm2	Calculated kg/m from area	6 m, kg	12 m, kg
ISMC 150 | Durgapur	150 x 75	5.7 / 9	16.8	21.3	16.721	100.80	201.60
ISMC 200 | Durgapur	200 x 75	6.2 / 11.4	22.3	28.4	22.294	133.80	267.60
ISMC 250 | IISCO	250 x 82	9 / 14.1	34.2	43.4	34.069	205.20	410.40
ISMC 300 | IISCO / Durgapur	300 x 90	7.8 / 13.6	36.3	46.2	36.267	217.80	435.60
ISMC 400 | IISCO	400 x 100	8.8 / 15.3	50.1	63.7	50.005	300.60	601.20

Formula: kg per cut length = stated kg/m x length in metres
Unit: mm, kg/m and kg
Last verified: 25 November 2026
Source: Steel Authority of India Limited (SAIL), Printed page 9, Conventional Structurals
Source: SAIL, printed page 10, producer dimensions
Published SAIL product configurations. Confirm the mill, size and availability on the order. Calculated mass from area uses 7.85 g/cm3. Cut weights use listed mass.

SAIL | Printed page 2, Beams/Joists and Channels by plant

Product description	Depth x width, mm	Web / flange, mm	Listed kg/m	Area, cm2	Calculated kg/m from area	6 m, kg	12 m, kg
ISMB 200 | Durgapur	200 x 100	5.7 / not stated	25.4	—	—	152.40	304.80
ISMB 350 | Bhilai	350 x 140	8.1 / not stated	52.4	—	—	314.40	628.80
ISMB 400 | Bhilai	400 x 140	8.9 / not stated	61.6	—	—	369.60	739.20
ISMB 450 | Bhilai	450 x 150	9.4 / not stated	72.4	—	—	434.40	868.80
ISMB 500 | Bhilai	500 x 180	10.2 / not stated	86.9	—	—	521.40	1,042.80
ISMB 600 | Bhilai	600 x 210	12 / not stated	123	—	—	738.00	1,476.00
ISMC 150 | Durgapur	150 x 76	6.5 / not stated	17.7	—	—	106.20	212.40
ISMC 200 | Durgapur	200 x 76	7.5 / not stated	24.3	—	—	145.80	291.60

Formula: kg per cut length = stated kg/m x length in metres
Unit: mm, kg/m and kg
Last verified: 25 November 2026
Source: Steel Authority of India Limited (SAIL), Printed page 2, Beams/Joists and Channels by plant
Earlier SAIL plant listings. Confirm the named configuration is still offered. Calculated mass from area uses 7.85 g/cm3. Cut weights use listed mass.

SAIL | Printed page 10, Channels from the IISCO Universal Section Mill

Product description	Depth x width, mm	Web / flange, mm	Listed kg/m	Area, cm2	Calculated kg/m from area	6 m, kg	12 m, kg
ISMC 250 | IISCO	250 x not stated	Not stated / not stated	30.6	—	—	183.60	367.20
ISMC 250 | IISCO	250 x not stated	Not stated / not stated	38.1	—	—	228.60	457.20
ISMC 300 | IISCO	300 x not stated	Not stated / not stated	41.5	—	—	249.00	498.00
ISMC 300 | IISCO	300 x not stated	Not stated / not stated	46.2	—	—	277.20	554.40
ISMC 350 | IISCO	350 x not stated	Not stated / not stated	42.7	—	—	256.20	512.40

Formula: kg per cut length = stated kg/m x length in metres
Unit: mm, kg/m and kg
Last verified: 25 November 2026
Source: Steel Authority of India Limited (SAIL), Printed page 10, Channels from the IISCO Universal Section Mill

Earlier SAIL IISCO channel options. The table gives nominal depth and mass only for these entries. Calculated mass from area uses 7.85 g/cm3. Cut weights use listed mass.

SAIL | Printed page 11, Sections from the Durgapur Medium Structural Mill

Product description	Depth x width, mm	Web / flange, mm	Listed kg/m	Area, cm2	Calculated kg/m from area	6 m, kg	12 m, kg
ISMB 175 | Durgapur	175 x not stated	Not stated / not stated	19.6	—	—	117.60	235.20
ISMB 225 | Durgapur	225 x not stated	Not stated / not stated	31.1	—	—	186.60	373.20
ISMC 125 | Durgapur	125 x not stated	Not stated / not stated	13.7	—	—	82.20	164.40
ISMC 175 | Durgapur	175 x not stated	Not stated / not stated	19.6	—	—	117.60	235.20
ISMC 175 | Durgapur	175 x not stated	Not stated / not stated	22.7	—	—	136.20	272.40
ISMC 225 | Durgapur	225 x not stated	Not stated / not stated	26.1	—	—	156.60	313.20
ISMC 225 | Durgapur	225 x not stated	Not stated / not stated	30.7	—	—	184.20	368.40

Formula: kg per cut length = stated kg/m x length in metres
Unit: mm, kg/m and kg
Last verified: 25 November 2026
Source: Steel Authority of India Limited (SAIL), Printed page 11, Sections from the Durgapur Medium Structural Mill
Earlier SAIL Durgapur listings. Only depth and mass are supplied for these rows. Calculated mass from area uses 7.85 g/cm3. Cut weights use listed mass.