

HERCULES HOISTS LIMITED



Push-Pull / Geared / Electric Trolley M series

- ◆ Lifting
- ◆ Moving
- ◆ Storing



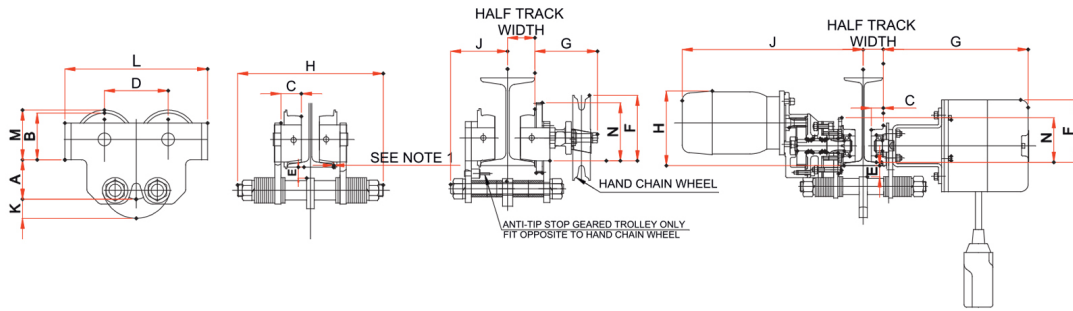
- ▶ Capacity Range
1T to 10T
- ▶ Wide range of Beam application
suitable upto 305 mm flange flat &
taper beams
- ▶ Anti drop, de-railing guide
Safe & Stable operation while load
movement
- ▶ Electric Trolley fitted with limit switch
& safety brake
load holding at precise positions
- ▶ Wheel mounted on sealed ball
bearings
Life long lubricated for trouble free
service
- ▶ Anti corrosive powder coated finish
better aesthetics

Material Handling. Delivered.

Redefining Material Handling. Since 1962.

PUSH-PULL & GEARED TROLLEY

ELECTRIC TROLLEY



			Push	Push / Geared	Geared	Geared	Electric		
Capacity			0.5	1	3	5	10	1	3
Inside of	Range 1	MT	50-130	58-150	90-160	110-150	140-180	58-150	90-160
wheel flanges	Range 2		140-200	150-210	160-220	160-210	190-210	150-210	160-220
	Range 3		210-305	210-305	220-305	215-265	215-245	210-305	220-305
A Seat of susp. plate to	Range 1 & 2 mm		75	89	110	84	137	89	110
runner tread/beam bottom	Range 3 mm		115	129	155			129	155
B Runner tread diameter mm			50	65	90	175	225	65	90
C Runner tread width mm			20	25	30	45	50	25	30
D Runner centres	(push) mm		70	90	125	-	-	-	-
	(geared) mm		-	128	157	253	313	128	157
E Underside of runner to suspension plate			18	28	28	-	-	28	28
F Underside of runners to suspension plate wheel, geared travel only / control panel mm			101	106	123	-	-	120	120
G Beam flange to shaft / panel end mm			-	124	124	180	275	287	287
H Overall width	Range 1 mm		210	248	276	-	-	-	-
push travel only	Range 2 mm		320	320	340			-	-
	Range 3 mm		410	410	425			-	-
H Underside of runner to top of motor			-	-	-	-	-	138	138
J Crossbolt to track centreline on ungeared side (geared trolley only)	Range 1	track widths J mm	-	58-100	100-126	170	210	58-150	90-160
			-	132	152			350-390	360-395
		track widths J mm	-	100-140	126-153	200	225	150-210	160-220
	Range 2		-	120	134				
		track widths J mm	-	140-166	153-192				
			-	164	184				
		track widths J mm	-	166-210	192-216	225	240	210-305	220-305
	Range 3		-	152	166				
		track widths J mm	-	210-263	216-263	225	240	420-470	425-470
			-	238	205				
		track widths J mm	-	263-305	263-305				
			-	205	213				
K Depth of plate range 1,2 & 3mm			21	21	34	-	-	21	34
L Overall length	(push) mm		160	200	275	-	-	-	-
	(geared) mm		-	280	350	550	690	-	-
	(Electric) mm		-	-	-	-	-	280	350
M Underside of runner to flange (push) mm			60	75	105	-	-	75	105
N Underside of runner to gear tip (geared) mm			-	90	115	-	-	90	115
Minimum radius of track curve mm	(push)		1250	2000	2500	-	-	-	-
	(geared)		-	1500	1500	2600	3200	-	-
	(electric)		-	-	-	-	-	2000	2500
Push travel weight in Kg.	Range 1		4.0	10.5	18.5	-	-	-	-
	Range 2		4.5	11.0	20.0				
	Range 3		6.5	14.5	25.5				
Geared travel weight in Kg.	Range 1		-	11.5	20.0	70	151	-	-
	Range 2		-	12.5	21.5	72	153	-	-
	Range 3		-	16.0	27.0	75	155	-	-
Electec travel weight in Kg.	Range 1		-	-	-	-	-	22	31
	Range 2		-	-	-	-	-	23	33
	Range 3		-	-	-	-	-	26	38
Speed M/Min. motor HP/RPM			-	-	-	-	-	10	10
			-	-	-	-	-	0.5/1500	0.5/1500

Data tolerance ±10%

HERCULES HOISTS LIMITED

AUTHORISED BUSINESS PARTNER

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Note:- Due To continuous development and improvement specification listed above may be changed without notice