



# indef

## PUSH-PULL/GEARED TRAVELLING TROLLEY



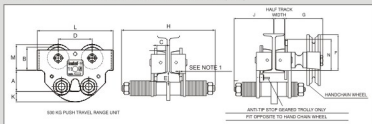
- ▶ Available in push or hand geared travel.
- ▶ Anti drop and de-railing guide
- ▶ Precision-machine runners mounted on sealed ball bearings.
- ▶ Available in three basic range with further adjustment of flange width.
- ▶ Anti-corrosive powder coated finish.



**ALSO AVAILABLE**  
New Generation Precision  
engineered compact  
Trolleys

# PUSH-PULL/GEARED TRAVELLING TROLLEY

## DIMENSIONS, WEIGHTS AND PERFORMANCE DATA (mm)



Capacity		MT	Push 0.5	Push 1	Geared 3	Geared 5	Geared 10
Inside of Wheel flanges mm	Range 1		50-130	58-150	90-160	110-150	140-180
	Range 2		140-200	150-210	160-220	160-210	190-210
	Range 3		210-305	210-305	220-305	215-265	215-245
A Seat of susp. plate to runner tread/Beam Bottom	Range 1 & 2	mm	75	89	110		
	Range 3	mm	115	129	155	84	137
B Runner tread diameter		mm	50	65	90	175	225
C Runner tread width		mm	20	25	30	45	50
D Runner centres	(push)	mm	70	90	125	-	-
	(geared)	mm	-	128	157	253	313
E Underside of runner to suspension plate		mm	18	28	28	-	-
F Underside of runners to top of hand chain wheel, geared travel only		mm	101	106	123	-	-
G Beam flange to shaft end		mm	-	124	124	180	275
H Overall width, push travel only	Range 1	mm	210	248	276		
	Range 2	mm	320	320	340		
	Range 3	mm	410	410	425		
J Crossbolt to track centreline on ungeared side (geared trolleys only)	Range 1	track	-	58-100	100-126		
		width J	mm	-	132	152	
		track	-	100-140	126-153	170	210
	Range 2	track	-	140-166	153-192		
		width J	mm	-	164	184	
		track	-	166-210	192-216	200	225
	Range 3	track	-	210-263	216-263		
		width J	mm	-	238	205	
		track	-	263-305	263-305	225	240
	width J	mm	-	205	213		
K Depth of plate Range 1, 2 & 3		mm	21	21	34	-	-
L Overall length	(push)	mm	160	200	275	-	-
	(geared)	mm	-	238	350	550	690
M Underside of runner to flange (push)		mm	60	75	105	-	-
N Underside of runner to gear tip (geared)		mm	-	90	115	-	-
Minimum radius of track curve	(push)	mm	1250	2000	2500	-	-
	(geared)	mm	-	2000	2500	2600	3200
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

Data Tolerance  $\pm 10\%$

- Nominal 1.5 mm clearance to be allowed from edge of track flange to inside of wheel flange (3mm overall on both side)
- Overall width of geared travel trolleys =  $J + (1/2 \times \text{track width}) + G$ . On 500 to 2500 Kg. units when using the narrower track widths the crossbolt adjusting washers are to be assembled such that the end of the crossbolt is clear of the handchain wheel.
- Weight of trolleys only exclude hand chain. Hand chain is 0.45kg/m per linear length.
- Bottom of handchain loop is 800 mm from ground level.
- Pusher bar fixing holes provided upto 3T models.
- Anti-lip stop fitted to all hand geared versions upto 3T models.
- Buffers available as an option.

Dealers name & address



Manufactured & Marketed by :  
**HERCULES HOISTS LTD.**

CTS No. 43/5, Village Dharni, Taluka Khalapur,  
Khopoli, Dist. Raigad, Maharashtra-410 202. India  
Tel. : + 91 (0) 2192-274036/274087/274135  
Fax : + 91 (0) 2192-274325  
E-mail : enquire@indef.com  
Website : <http://www.indef.com>

**bajaj group**