

WHEN ORDERING PLEASE SPECIFY :

1. LIFTING CAPACITY _____ TONNES
2. QUANTITY OF UNITS REQUIRED _____ NOS.
3. TYPE OF UNIT : HOOK SUSPENSION / HUNG IN TRAVELLING TROLLEY
4. FOR TRAVELLING TROLLEY : PULL PUSH / GEARED / SWITCH TROLLEY
5. HEIGHT OF LIFT (FULLY LOWERED TO SUSPENSION) _____ METRES
6. OPERATING FLOOR LEVEL TO TOP SUSPENSION _____ METRES
(IF DIFFERENT FROM S.NO. 5)
7. DELIVERY INSTRUCTIONS _____
8. TRANSPORTERS NAME, IF YOU HAVE ANY PREFERENCE _____
9. SALES TAX NO. _____
10. DELIVERY REQUIRED BY _____

BRAD pulley blocks are marketed and serviced by **W. H. Brady & Co. Ltd.**
For your requirements please contact our office, nearest branch, agents or authorised dealers at:



**DECADES OF DEDICATION
TO THE NATION**

BRAD - PRODUCTS

**2.5 Tonnes
HYDRAULIC HAND PALLET TRUCKS**
Ideal for moving palletised loads interdepartmentally.
Capacities 1/2 to 2.5 tonnes.



Single/Double Girder HOT/EOT Cranes



Cranes for assembly and fabrication shop,
despatch department, warehouses and other applications.
Capacity : Up to 100 Tonnes

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OXYGEN INC. 079 65426683



The name that
carries weight
in more ways than one

BRAD - PULLEY BLOCKS



BRAD HAND CHAIN HOISTS

Dimension, Weights and performance data

CAPACITY (SAFE WORKING LOAD)	TONNES	0.5	1.0	1.5	2.0	3.0	5.0	
NO. OF FALLS OF LOAD CHAIN		1	1	1	2	2	2	
TEST LOAD	TONNES	0.75	1.50	2.25	3.00	4.50	7.50	
PULLING EFFORT ON HAND CHAIN	KG	16	32	37	32	38	42	
HAND CHAIN REQUIRED TO BE PASSED FOR LIFTING LOAD THROUGH ONE MTR.	(M. APPROX)	40	40	52	80.2	104	160.4	
WT. FOR STANDARD 3 MTR. CLEAR LIFT	KG	10.5	11	16.0	15.5	24	36	
ADDITIONAL WT. FOR EXTRA MTR. LIFT	KG	1.7	1.7	2.3	2.5	3.7	5.3	
HUNG IN UNITS TRACK WIDTH RANGE I	MM	75-125	75-125	80-140	80-140	80-150	100-150	
TRACK WIDTH RANGE II	MM	140-180	140-180	150-210	150-210	180-210	180-210	
MINIMUM DEPTH OF TRACK	MM	125	125	150	150	150	200	
MINIMUM RADIUS OF TRACK CURVE	MM	1500	1500	2000	2000	2000	2500	
MAJOR DIMENSIONS (APPROX.)	A (HEAD ROOM) HOOK SUSPENSION	MM	280	300	360	380	470	600
	HUNG IN TROLLEY	MM	384	404	490	510	605	755
	B	MM	142	142	178	142	178	210
	C	MM	126	126	142	126	142	165

FRAME :

Rugged steel frame shaped to occupy minimum headroom, ensures permanent alignment of spindles and gears, encloses and protects the load chain wheel. Detachable steel cover totally encloses the gears. Hand chain wheel cover protects the hand chain wheel and brake unit.

HOOKS :

Hooks are of forged alloy steel. Top hook swivels on balls housed in cross head. For chain hoist on single fall of chain, bottom hook rotates on balls housed in a cross head swivel. For chain hoists with 2 falls the bottom hook rotates on balls housed in hook holder & is supported by bottom block frame.

SAFETY LATCH :

Every bottom hook is equipped with a safety latch - a safety latch for top hook is an optional attachment.

LOAD CHAIN WHEEL :

Made from spheroidal graphite iron, has pockets accurately cast to receive calibrated load chain. Bottom Block wheel for chain hoists with two falls are fitted with needle rollers.

LOAD CHAIN :

Alloy steel Grade 80 to international standards. All chains are electrically resistance welded & heat treated to give ductility, toughness and wear resistance. Accurately calibrated, pitched and polished to ensure free movement. Each link is tested to twice the safe working load and can withstand shock loads.

GEARS :

All gears are accurately machine cut from alloy steel and case hardened to ensure long life.

BEARINGS :

Load wheel mounted on needle rollers housed in bush bearing thus reducing effort required for hoisting.

LOAD BRAKE :

The precision self actuating screw disc type mechanical brake engages instantly and provides uniform performance with rated capacity. When lowering, a load is under perfect control at all times, that is exceptionally valuable where accurate movement is demanded for spotting loads. Ratchet wheels are hardened and surfaces ground to maintain parallelism, with adequate thickness to engage properly with pawl.

HAND CHAIN WHEEL :

Hand chain wheel having bore with multistart threading and pockets accurately cast to receive calibrated hand chain. Hand chain wheel cover prevents chain from snagging and fouling.

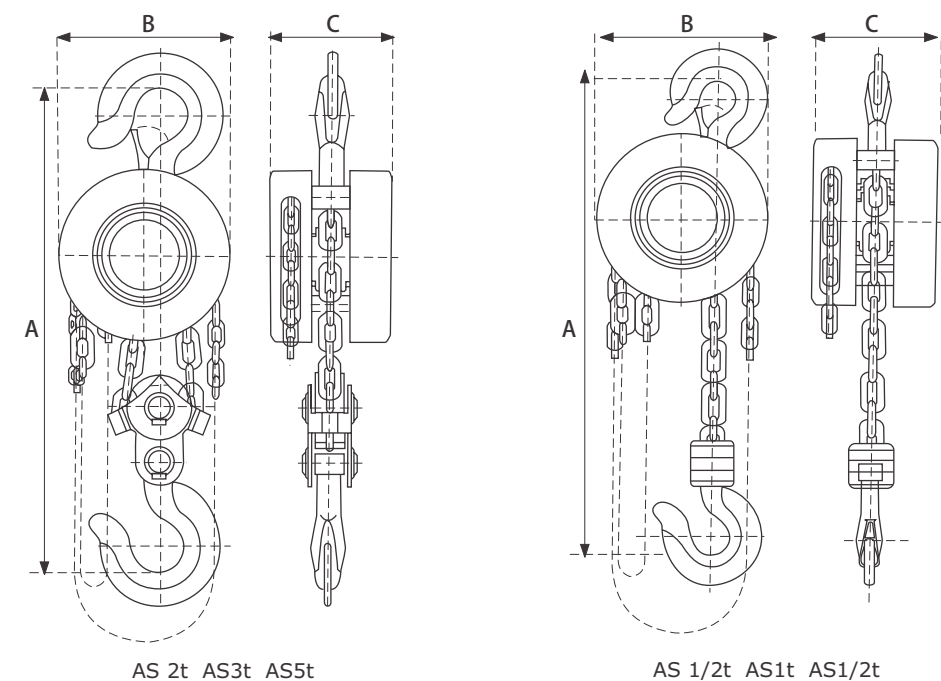
LUBRICATION :

Totally enclosed gear case is packed with sufficient grease during assembly.

TEST :

BRAD hand chain hoist are tested for 50% overload at works in support of which test certificates are issued.

One year guarantee from the date of installation (or) 18 months from the date of supply, whichever is earlier.



Our Engineering Department continuously works on design improvements and hence, we reserve the right of effecting any change without notice.