

# UNIFORCE-M

**TRIPLE SPUR GEAR CHAIN PULLEY BLOCKS**  
a product of 'UNIFORCE' Group



**MADE IN INDIA**



- **Light Weight & Heavy Duty**
- **Powder Coated Finish**
- **Smooth Hand Chain Operation**
- **High Operating Efficiency**
- **Extended Working Life**
- **Use of Ball Bearing**
- **Load Chain Gr. 80 IS std.**
- **Double Guide Roller**

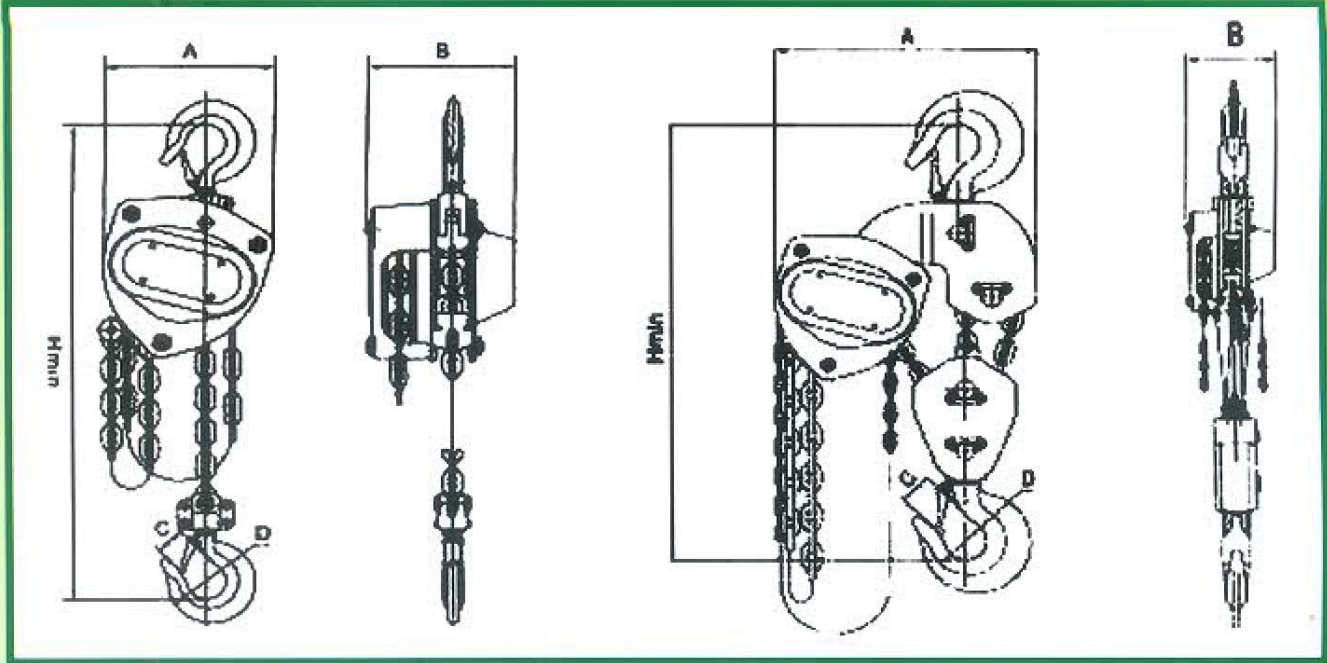
**Marketed by: MADRAS HARDTOOLS (P) LTD, CHENNAI**  
**Mfg. by: FORGINGS INDIA, Kolkata**





# UNIFORCE-M

## TRIPLE SPUR GEAR CHAIN PULLEY BLOCKS



### Technical Specifications

Capacity Load (KG)	Lifting Height (m)	Number of falls	Load Chain	Hand Chain	Force (N)	Net Weight (Kg)	Body Weight (Kg)	A	B	C	Hmin
1000	3	1	8 x 24	5 x 20	250	16.5	9.8	184	168	30	445
2000	3	1	8 x 24	5 x 20	335	18.6	11.8	184	168	38	490
3000	3	1	10 x 30	5 x 20	372	25.3	19.2	220	185	40	550
5000	3	2	10 x 30	5 x 20	355	42.00	29.5	220	185	46	660
7500	3	3	10 x 30	5 x 20	370	64.00	42.00	471	185	62	705
10000	3	4	10 x 30	5 x 20	380	84.00	56.00	471	185	64	715

Marketed by:

**MADRAS HARDTOOLS (P) LTD  
CHENNAI**

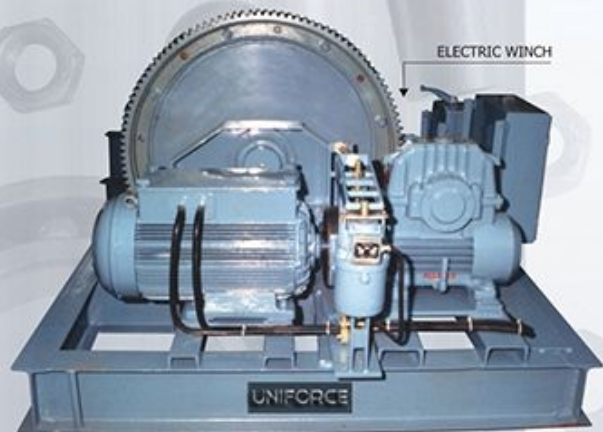
Dealers name & address



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UNIFORCE

PRODUCTS



Contact our authorised dealer for further queries

Marketed by: **MADRAS HARDTOOLS (P) LTD CHENNAI**

Design : oibnada@gmail.com

# UNIFORCE

## TRIPLE SPUR GEAR CHAIN PULLEY BLOCKS

### HEAVY DUTY



1T, 2T, 3T, 5T, 10T, 15T & 20T as per IS Standard





### GEARED TRAVELING TROLLEYS

The operating (head) Chain is Gr. 30-1S : 2429 (Part II)  
We Manufacture Travelling Trolley up to 30 Ton Capacity

- The travelling wheels and wheel-gears are made of grey cast iron of high quality.
- The Travelling wheel-axies are made of high tensile steel.
- Heavy ball bearings are used for mounting of each wheel/wheelgear on the respective axle.
- The operating spindle-pinion and the load suspension spindle are made of high tensile steel.

SALIENT DESIGN & CONSTRUCTIONAL FEATURES

#### Technical Specifications

Capacity (Tonnes)	0.5	1	2	3	5	7.5	7.5	10
Hand Chain to Trolley Travel	4.5	5	5.5	5.5	5.5	5.5	6.5	
Velocity ratio (mm). Approx								
Effort at full load (Kg) maxm.	8	10	12	15	18	18	20	25
Head-Room (mm) approx	75	100	125	150	175	175	200	225

Specifications are subject to alteration without notice.

### Technical Data for Chain Pulley Block

**HOOKS** - Steel Forged as per IS-8610 to withstand shock loads.

**LOAD WHEEL** - The Load Wheel is made of heavy duty malleable castings.

**GEARS** - All gears are accurately machine cut from special Alloy Steel and case hardened.

**BALL BEARINGS** - Load Wheel on two ball bearings for smooth operation.

**HAND CHAIN WHEEL** - The Hand Chain Wheel made from pressed sheet steel. Provided with guides to prevent snagging and fouling of hand chain.

**LOAD CHAIN** - Grade 80 IS:6216 Alloy Steel chains, accurately calibrated to ensure free movement. Each link is tested to twice the safe working load and can stand shock loads.

**BRAKE** - Screw and friction Disc type self actuating load pressure brake ensures safety.

**TEST** - Block confirm to the testing requirements of IS. Each block is tested to 50% overload and accompanied by a certificate.

**GUARANTEE** - A guarantee is provided for repair or replacement F.O.R. Kolkata, of any part which proves defective in material or workmanship within in one year of sale.

**IMPROVEMENTS** - Our Engineering Department continuously works on design improvement and hence we reserve the right of effecting any change found necessary without notice.

#### Technical Specifications

Capacity in Metric Tonnes	0.5	1	2	3	5	7.5	10	15	20
Number of falls GR-80	1	1	2	2	2	3	4	6	8
Number of falls GR-30	1	1	2	2	3	4	5	-	-
Hand chain required to be Passed over for lifting load Through One Metre.. Meters (Appx)	52	52	104	104	152	228	228	408	528
Pull on hand chain.....kgs	13	26	28	43	47	50	57	68	120
Weight a 3 meter lift...kgs	21	21	30	36	66	102	144	280	400
Extra weight per additional Meter lift...kgs	2.9	2.9	4.3	4.3	5.2	7.0	14.4	24	33



1T, 2T, 5T, 10T & 20T as per IS Standard

