

electric chain hoist

The Model CPM is a robust, reliable and easy to service unit with a long service life. The whole range is fitted with many standard features that were usually only available as extras.

The integral limit switches for the highest and lowest hook positions considerably extend the working life-span of the slip clutch, motor and gearbox.

- Capacities from 125 to 2000 kg
- Available as hook suspension or with integral manual or powered trolley
- Counter for operating hours and number of starts for advanced operation monitoring
- Main contactor as standard, for increased safety
- 2 Year Warranty (excluding wear parts)
- Thermal overload protection as standard
- Duty cycle 50% ED for single speed
- Electromagnetic, spring pressure brake holds the load safely, even in the event of power failure
- Chain container standard
- Motors protected to IP55, against ingress of dust and water
- Standard operating voltage 400V, 50Hz, 3-phase
- 48V control voltage (contactor control)
- Push pendant control to IP65



pneumatic chain hoist

JDN Air Hoists PROFI Series are very robust and therefore suitable for tough industrial applications even in continuous working processes. According to requirement there are various . For traversing loads there are different trolleys to meet your special demands. Advantages:

Explosion-proofness:

All JDN Air hoists in standard version are - contrary to electric hoists - suitable for application in hazardous areas (zone 2 Ex 3 GD II B T4) as the driving medium air opposite to electricity does not produce any sparks.

Above all you can obtain JDN Air Hoists also with (zone 1 Ex 2 GD II C T6) for application in areas with increased danger of explosion.

Further standard features:

- sensitive infinitely variable speed control for the precise positioning of loads
- easy operation
- suitable for lube-free operation
- frequent switching and extended duty cycles
- low maintenance
- low headroom, lightweight
- sound absorption
- insensitive to dust, humidity and temperatures ranging from -20 °C up to + 50 °C
- from 1 t upwards with overload protection (EC-version)

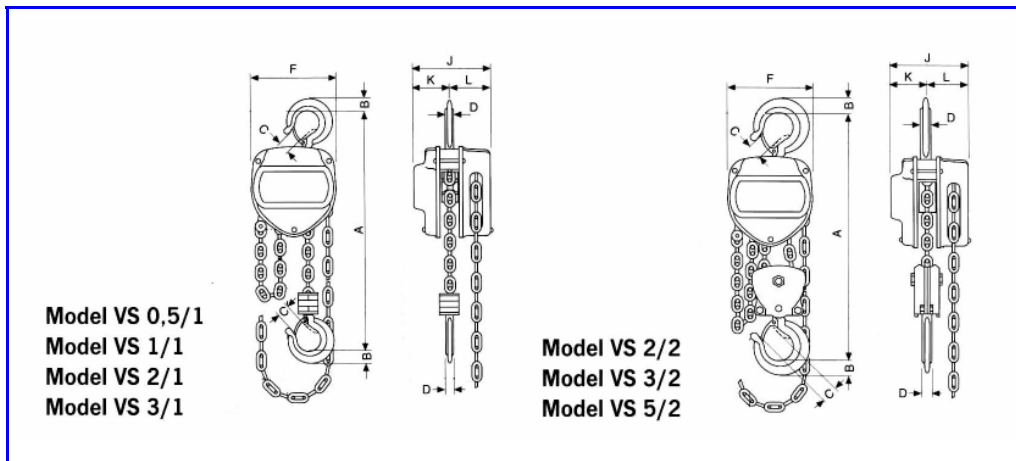


Technical Details:

- fail-safe starting conditions, low maintenance vane motor
- asbestos-free spring loaded disc brake
- chain sprocket in the mid section runs in dust proof maintenance free ball bearings
- planetary gear in long life grease lubrication, all teeth made of tempered or hardened high grade steel
- chain and hook of high quality tempered steels with a breaking strength of five times the nominal load

manual chain block

- Capacities 500 - 20000 kg
- Extremely low overall height
- Robust all-steel construction
- Automatic load brake with asbestos free friction discs
- Zinc plated hand and load chains as standard
- Epoxy resin coated body
- Optional slipping clutch overload protection
- Available in zinc plated finish for higher standards of corrosion protection



Code	Capacity kg	Dim in mm								Weight (3m lift) Kgs
		A	B	C	D	F	J	K	L	
VS 0.5/1	500	295	16	22	11	125	111	52	59	9
VS 1/1	1,000	345	21	27	15	147	125	57	68	11.2
VS 2/1	2,000	450	37	37	25	183	142	68	74	18
VS 2/2	2,000	440	27	30	20	147	125	57	68	15.3
VS 3/1	3,000	530	46	46	29	215	163	79	84	28
VS 3/2	3,000	530	35	37	24	183	142	68	74	24.7
VS 5/2	5,000	620	45	46	30	215	163	79	84	38.7

Push Type Model HTP

Capacities 500 - 5,000 kg

Geared Type Model HTG

Capacities 500 - 20,000 kg

- Trolley enables exact positioning or easy traversing of large loads with either manual or powered hoisting equipment.
- Excellent rolling features due to machined steel wheels mounted on pre-lubricated, encapsulated ball bearings, adjustable to fit a wide range of beam widths and profiles
- Trolley wheels designed for max. beam profile incline of 14%.
- Adjustments made by rotating the clevis load bar which also ensures the centred positioning of the hoist in the clevis
- Anti-tilt and wheel fracture support devices according to DIN 15018 and machinery directives are standard.

Optional:-

- Buffers can be fitted.
- Locking device to secure the trolley in position on the beam (park position e.g. on ships)
- Rust and acid resistant hand chains

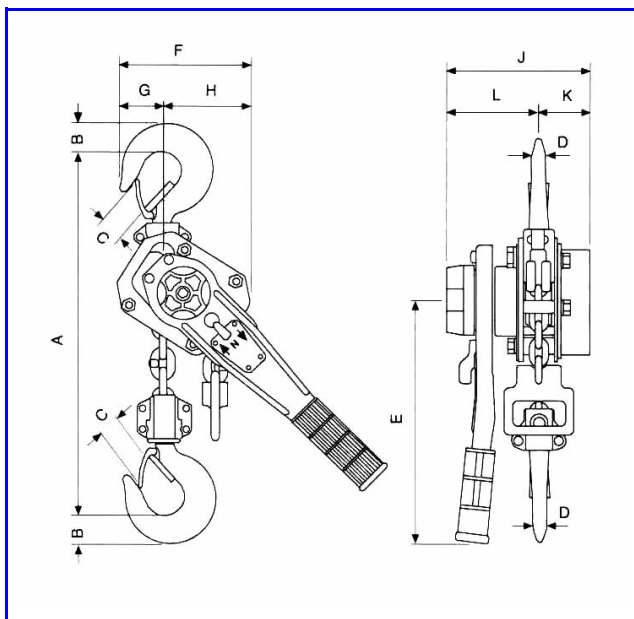


Trolley Clamp Model CTP

- Capacities 1,000 - 3,000 kg
- Easy fitting to overhead beams for the attachment and transport of loads
- Central threaded spindle provides quick adjustment to the required beam width.
- Locking lever secures the adjustment.
- Threaded spindle and clevis are zinc plated for added corrosion protection

ratchet lever hoist

- Capacities 750 - 10000 kg
- Low overall weight
- Low overall height
- Low operating effort
- Standard free chaining device to quickly attach load or pull chain through hoist
- Zinc plated alloy steel chain
- Asbestos free friction discs



Capacity kg	Dim in mm											Weight kgs
	A _{min}	B	C	D	E	F	G	H	J	K	L	
750	295	21	24	13	235	111	33	78	142	55	87	5.7
1,500	380	29	32	20	350	140	49	91	166	66	100	9.3
3,000	420	37	35	24	350	174	60	114	184	79	105	14.9
6,000	570	54	44	43	350	239	77	162	184	79	105	28.5

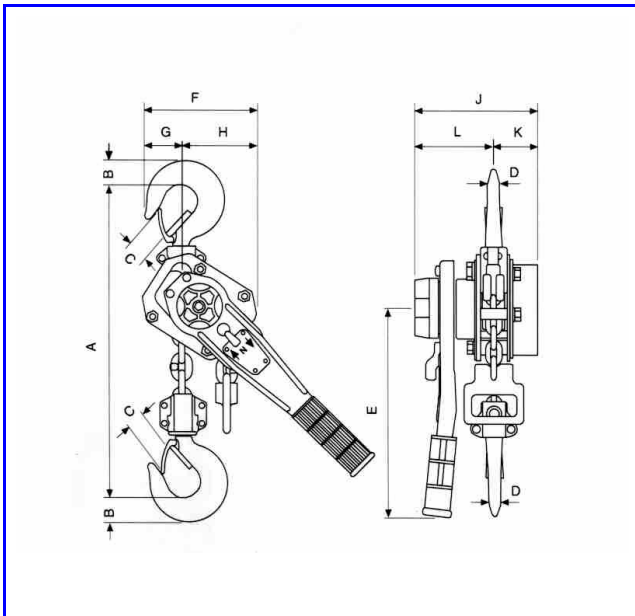
250 kg ratchet lever hoist

This hoist is the smallest, lightest Yale ratchet lever hoist for professional applications.

The extremely low unit weight and the compact design make the hoist very easy to use in confined working conditions.

Its features include:

- 250kg capacity
- Lightweight and easy to use
- Zinc plated grade 80 load chain
- Ergonomically designed moulded handlever grip
- Low lever effort to raise maximum load
- Compact design allows easy toolbox storage



Capacity kg	Dim in mm											Weight kgs
	A _{min}	B	C	D	E	F	G	H	J	K	L	
250	270	23	26	13	150	55	25	30	90	20	70	2.2