

ELECTRIC WIRE ROPE HOISTS

LOW HEADROOM - CVAT


TOP RUNNING DG TROLLEY - KVAT

FOOT MOUNT - VAT

STANDARD HEADROOM - HVAT



HOISTS BUILT TO LAST



Kammi Cranes is an importer and distributor of industrial grade heavy duty electric rope hoists and crane components for the North American market. We work directly with crane builders and offer protected markets in Canada, the United States and Mexico.

Established in 2006 we have equipped the material handling industry across North America with some of the most resilient hoists the market has to offer.

We build long term relationships with a focus on growing together so that our customers, over time, become our partners as well.

THE LIFTING MOTOR

Our rugged 3-phase dual speed electric lifting and trolley motors with integrated conical brake and integrated cooling fan are designed for the most rigorous of duty. Spring loaded, mechanically actuated brake guarantees a safe stop every time.



BOTTOM HOOK BLOCK

Precision machined sheaves protected on both sides by side plates and with maintenance free bearings sealed for life. Spring loaded safety latches as standard. Available in 4/1 and 2/1 configurations as well as 4/2-1 True Vertical Lift

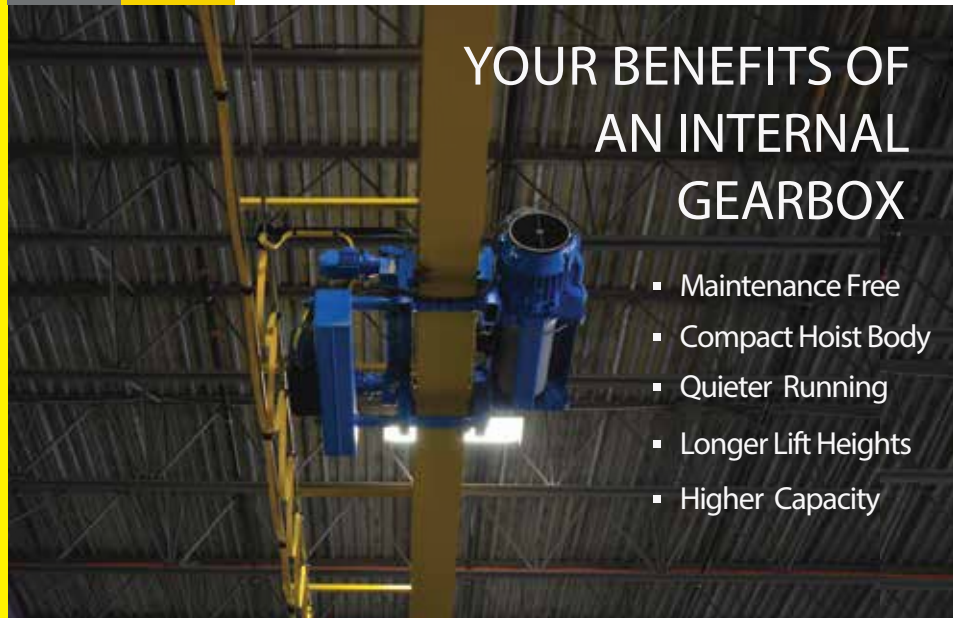


PLANETARY SPEED REDUCER

Permanently oil bathed 3-stage planetary speed reducer with heat treated bevel geared teeth for quiet operation. Hidden inside the drum, it allows for a more compact hoist with a better approach, as well as higher capacity lifts at higher lifting heights.

YOUR BENEFITS OF AN INTERNAL GEARBOX

- Maintenance Free
- Compact Hoist Body
- Quieter Running
- Longer Lift Heights
- Higher Capacity



LOW HEADROOM - CVAT

The best solution for a single girder crane keeping the hoist and trolley in a low profile to the bridge to provide the most working area under the hook. Dual trolley motors guaranteeing smooth trolley travel.



PENDANT PUSH BUTTON STATIONS

Upon request our hoists can be supplied equipped with a pendant push button station integrated to the hoist and trolley panel with cable drop to suit.

Ideal for monorail applications and available in several button configurations.



THE ROPE GUIDE

Three piece construction allows for easy assembly, while solid cast metal construction guarantees a long part life. Machined to match the treaded couter of the drum for smooth operation, while guide rollers maintain even consistency in pressure and tracking.



UPPER / LOWER LIMIT SWITCHES

Hook travel limit switches ensure power is automatically cut off in the upper and lower travel positions of the bottom block always keeping your load at a safe, preset distance.





TWIN 5t Low Headroom Hoists

DUAL TROLLEY DRIVES

Having two geared brake motors allows for much smoother trolley travel and is helpful in brake down situations as the hoist can still be moved with only one active trolley motor.

DIRECT DRIVE WHEELS

The trolley gearbox transfers power directly to the wheels eliminating the need for open gearing allowing the low headroom trolley to exceed in rugged dusty environments and outdoor applications.



10 tonne Low Headroom 4/1 CVAT series

ELECTRICAL PANELS

- Minimum NEMA 4 rated enclosures.
- All motions have mechanical interlocks and are complete with adjustable overloads.
- Only high quality Schneider brand components.
- Integrated mechanical overload as standard.
- Hoists can be supplied without electrical panels upon request.



LOW HEADROOM SINGLE GIRDER



The best solution for a single girder crane keeping the hoist and trolley in a low profile to the bridge to provide the most working area under the hook.

With a dual motor driven trolley and direct drive wheels the CVAT low headroom trolley guarantees smooth trolley travel in all operating conditions.



YOUR BENEFITS

Single girder top and under running cranes when paired with low headroom hoist offer a cost effective solution to maximize your headroom.

LOW HEADROOM

SPECIFICATIONS



Low Headroom - 4/1										
Model	Capacity (tonnes)	Group Duty FEM 9.511	Lifting Height (m)	Lifting Speeds (m/min)	Lifting Motor (kW)	Trolley Speeds (m/min)	Trolley Motor (kW)	Rope Reeving	Rope Diameter (mm)	Weight w/o counter weight (kg)
CVATB1422TpE315N	3.2	2m	9	4.8 / 0.72	0.4/2.7	14.4 / 4.8	2x 0.1/0.3	4 by 1	8	410
CVATP2512TpE315N	5	2m	7.5	4.8 / 1.2	1.1 / 4.6	14.4 / 4.8	2x 0.1/0.3	4 by 1	10	600
CVATP2522TpE315N	5	2m	11	4.8 / 1.2	1.1 / 4.6	14.4 / 4.8	2x 0.1/0.3	4 by 1	10	600
CVATB3522TpE315N	7	2m	9.5	4.8 / 0.72	1.2 / 9.0	14.4 / 4.8	2x 0.1/0.3	4 by 1	12	705
CVATB3532TpE315N	7	2m	12.5	4.8 / 0.72	1.2 / 9.0	14.4 / 4.8	2x 0.1/0.3	4 by 1	12	730
CVAT4522TpE315N	10	2m	9	4.8 / 1.2	2.0 / 9.6	14.4 / 4.8	2x 0.14/0.44	4 by 1	14	1,010
CVAT5522TpE315N	16	2m	9	4.8 / 1.2	3.6 / 15.6	14.4 / 4.8	2x 0.22/0.66	4 by 1	18	1,535
CVAT5522TpE315N	20 tons	1Am	9	4.8 / 1.2	3.6 / 15.6	14.4 / 4.8	2x 0.22/0.66	4 by 1	18	1,535

Low Headroom - 2/1										
Model	Capacity (tonnes)	Group Duty FEM 9.511	Lifting Height (m)	Lifting Speeds (m/min)	Lifting Motor (kW)	Trolley Speeds (m/min)	Trolley Motor (kW)	Rope Reeving	Rope Diameter (mm)	Weight w/o counter weight (kg)
CVATB1422TpE215N	1.6	2m	18	9.6 / 1.44	0.4/2.7	14.4 / 4.8	2x 0.1/0.3	2 by 1	8	395
CVATP2512TpE215N	2.5	2m	15	9.6 / 2.4	1.1 / 4.6	14.4 / 4.8	2x 0.1/0.3	2 by 1	10	585
CVATP2522TpE215N	2.5	2m	22	9.6 / 2.4	1.1 / 4.6	14.4 / 4.8	2x 0.1/0.3	2 by 1	10	585
CVATB3522TpE215N	3.5	2m	19	9.6 / 1.44	1.2 / 9.0	14.4 / 4.8	2x 0.1/0.3	2 by 1	12	785
CVATB3532TpE215N	3.5	2m	25	9.6 / 1.44	1.2 / 9.0	14.4 / 4.8	2x 0.1/0.3	2 by 1	12	710
CVAT4522TpE215N	5	2m	18	9.6 / 2.4	2.0 / 9.6	14.4 / 4.8	2x 0.14/0.44	2 by 1	14	985
CVAT5522TpE215N	8	2m	18	9.6 / 2.4	3.6 / 15.6	14.4 / 4.8	2x 0.22/0.66	2 by 1	18	1,515
CVAT5522TpE215N	10 tons	1Am	18	9.6 / 2.4	3.6 / 15.6	14.4 / 4.8	2x 0.22/0.66	2 by 1	18	1,515



CVAT - LOW HEADROOM



RUGGED HOISTS

Whether on your shop crane or one kilometer underground in a Northern Canadian mine, our wire rope hoists are engineered and manufactured to ensure a long life, even under the most rigorous usage.

TOP RUNNING DOUBLE GIRDER



Typically used in longer span canes with heavier capacities but also a great choice when headroom is critical as you can sink the hoist inside (between) the girders to maximize headroom. Low profile designs keeps building costs down while allowing our customers to utilize every square inch of headroom efficiently.



REEVING OPTIONS

- 4/1 - Standard on all hoists.
Lifting speeds of 4.8/1.2 m/min
- 2/1 - This doubles the lifting height available and doubles the lifting speeds but reduces the lifting capacity by half.
- 4/2-1 True Vertical Lift - a double grooved drum with ropes on each end moving towards the center lift the load straight up without any lateral movement.
Available upon request.

TOP RUNNING SPECIFICATIONS



Top Running - 4/1										
Model	Capacity (tonnes)	Group Duty FEM 9.511	Lifting Height (m)	Lifting Speeds (m/min)	Lifting Motor (kW)	Trolley Speeds (m/min)	Trolley Motor (kW)	Rope Reeving	Rope Diameter (mm)	Weight (kg)
KVATP2512TpE315N	5	2m	7.5	4.8 / 1.2	1.1 / 4.6	14.4 / 4.8	2x 0.1/0.3	4 by 1	10	780
KVATP2522TpE315N	5	2m	11	4.8 / 1.2	1.1 / 4.6	14.4 / 4.8	2x 0.1/0.3	4 by 1	10	815
KVATP2532TpE315N	5	2m	14.5	4.8 / 1.2	1.1 / 4.6	14.4 / 4.8	2x 0.1/0.3	4 by 1	10	870
KVATB3512TpE315N	7	2m	6.5	4.8 / 0.72	1.2 / 9.0	14.4 / 4.8	2x 0.1/0.3	4 by 1	12	815
KVATB3522TpE315N	7	2m	9.5	4.8 / 0.72	1.2 / 9.0	14.4 / 4.8	2x 0.1/0.3	4 by 1	12	870
KVATB3532TpE315N	7	2m	12.5	4.8 / 0.72	1.2 / 9.0	14.4 / 4.8	2x 0.1/0.3	4 by 1	12	925
KVAT4522TpE315N	10	2m	9	4.8 / 1.2	2.0 / 9.6	14.4 / 4.8	2x 0.22/0.66	4 by 1	14	1,335
KVAT4522TpE315N	10	2m	12.5	4.8 / 1.2	2.0 / 9.6	14.4 / 4.8	2x 0.22/0.66	4 by 1	14	1,440
KVAT5522TpE315N	16	2m	9	4.8 / 1.2	3.6 / 15.6	14.4 / 4.8	2x 0.3/0.9	4 by 1	18	2,165
KVAT5522TpE315N	20 tons	1Am	9	4.8 / 1.2	3.6 / 15.6	14.4 / 4.8	2x 0.3/0.9	4 by 1	18	2,165
KVATAD6534TpE315N	30	2m	9.5	3.0 / 0.72	4.8 / 19.2	14.4 / 4.8	2x 1.3/0.44	4 by 1		

Top Running - 2/1										
Model	Capacity (tonnes)	Group Duty FEM 9.511	Lifting Height (m)	Lifting Speeds (m/min)	Lifting Motor (kW)	Trolley Speeds (m/min)	Trolley Motor (kW)	Rope Reeving	Rope Diameter (mm)	Weight (kg)
KVATP2512TpE215N	2.5	2m	15	9.6 / 2.4	1.1 / 4.6	14.4 / 4.8	2x 0.1/0.3	2 by 1	10	780
KVATP2522TpE215N	2.5	2m	22	9.6 / 2.4	1.1 / 4.6	14.4 / 4.8	2x 0.1/0.3	2 by 1	10	815
KVATP2532TpE215N	2.5	2m	29	9.6 / 2.4	1.1 / 4.6	14.4 / 4.8	2x 0.1/0.3	2 by 1	10	870
KVATB3512TpE215N	3.5	2m	13	9.6 / 1.44	1.2 / 9.0	14.4 / 4.8	2x 0.1/0.3	2 by 1	12	815
KVATB3522TpE215N	3.5	2m	19	9.6 / 1.44	1.2 / 9.0	14.4 / 4.8	2x 0.1/0.3	2 by 1	12	870
KVATB3532TpE215N	3.5	2m	25	9.6 / 1.44	1.2 / 9.0	14.4 / 4.8	2x 0.1/0.3	2 by 1	12	925
KVAT4522TpE215N	5	2m	18	9.6 / 2.4	2.0 / 9.6	14.4 / 4.8	2x 0.22/0.66	2 by 1	14	1,335
KVAT4522TpE215N	5	2m	25	9.6 / 2.4	2.0 / 9.6	14.4 / 4.8	2x 0.22/0.66	2 by 1	14	1,440
KVAT5522TpE215N	8	2m	18	9.6 / 2.4	3.6 / 15.6	14.4 / 4.8	2x 0.3/0.9	2 by 1	18	2,165
KVAT5522TpE215N	10 tons	1Am	18	9.6 / 2.4	3.6 / 15.6	14.4 / 4.8	2x 0.3/0.9	2 by 1	18	2,165
KVATAD6534TpE215N	15	2m	19	6.0 / 1.44	4.8 / 19.2	14.4 / 4.8	2x 1.3/0.44	2 by 1		



KVAT - TOP RUNNING



OUR MARKETS

- ALUMINUM
- AUTOMOTIVE
- AVIATION
- FORESTRY
- MINING
- MANUFACTURING
- OIL & GAS
- ROBOTICS & AUTOMATION
- STEEL

FOOT MOUNT



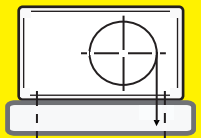
Foot mounted hoists are perfect for stationary hoisting where lateral movement is not required. They are also ideal for crane builders whom prefer to build their own top running double girder trolleys as the VAT series foot mounted hoists easily integrate onto most trolley designs.



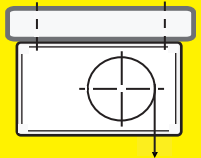
MOUNTING OPTIONS

Various mounting configurations:

TOP MOUNT

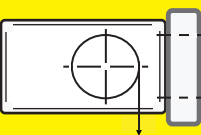


UNDERHUNG



SIDE MOUNT

Consult owners manual for mounting plate details.



FOOT MOUNT

SPECIFICATIONS



Foot Mounted- 4/1										
Model	Capacity (tonnes)	Group Duty FEM 9.511	Lifting Height (m)	Lifting Speeds (m/min)	Lifting Motor (kW)	Trolley Speeds (m/min)	Trolley Motor (kW)	Rope Reeving	Rope Diameter (mm)	Weight (kg)
VATP2512TpE3N	5	2m	7.5	4.8 / 1.2	1.1 / 4.6	n/a	n/a	4 by 1	10	390
VATP2522TpE3N	5	2m	11	4.8 / 1.2	1.1 / 4.6	n/a	n/a	4 by 1	10	410
VATB3522TpE3N	7	2m	9.5	4.8 / 0.72	1.2 / 9.0	n/a	n/a	4 by 1	12	405
VATB3532TpE3N	7	2m	12.5	4.8 / 0.72	1.2 / 9.0	n/a	n/a	4 by 1	12	425
VAT4522TpE3N	10	2m	9	4.8 / 1.2	2.0 / 9.6	n/a	n/a	4 by 1	14	685
VAT5522TpE3N	16	2m	9	4.8 / 1.2	3.6 / 15.6	n/a	n/a	4 by 1	18	995
VAT5522TpE3N	20 tons	1Am	9	4.8 / 1.2	3.6 / 15.6	n/a	n/a	4 by 1	18	995
VAT6434TpE3N	30	2m	11.5	3.0 / 0.72	3.6 / 15.6	n/a	n/a	4 by 1	20	1,310

Foot Mounted- 2/1										
Model	Capacity (tonnes)	Group Duty FEM 9.511	Lifting Height (m)	Lifting Speeds (m/min)	Lifting Motor (kW)	Trolley Speeds (m/min)	Trolley Motor (kW)	Rope Reeving	Rope Diameter (mm)	Weight (kg)
VATP2512TpE2N	2.5	2m	15	9.6 / 2.4	1.1 / 4.6	n/a	n/a	4 by 1	10	390
VATP2522TpE2N	2.5	2m	22	9.6 / 2.4	1.1 / 4.6	n/a	n/a	4 by 1	10	410
VATB3522TpE2N	3.5	2m	19	9.6 / 1.44	1.2 / 9.0	n/a	n/a	4 by 1	12	405
VATB3532TpE2N	3.5	2m	25	9.6 / 1.44	1.2 / 9.0	n/a	n/a	4 by 1	12	425
VAT4522TpE2N	5	2m	18	9.6 / 2.4	2.0 / 9.6	n/a	n/a	4 by 1	14	685
VAT5522TpE2N	8	2m	18	9.6 / 2.4	3.6 / 15.6	n/a	n/a	4 by 1	18	995
VAT5522TpE2N	10 tons	1Am	18	9.6 / 2.4	3.6 / 15.6	n/a	n/a	4 by 1	18	995
VAT6434TpE2N	15	2m	23	6.0 / 1.44	3.6 / 15.6	n/a	n/a	4 by 1	20	1,310



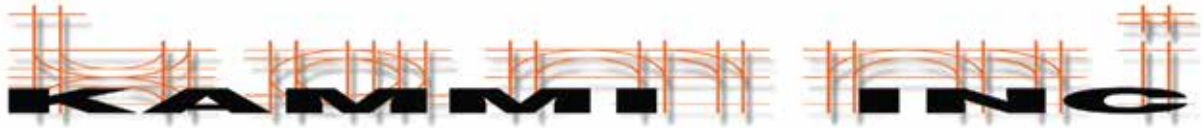
VAT - FOOT MOUNT



OVERLOAD LIMITERS

Thermal Overload - Each hoist is equipped with thermal overload protection inside the hoist/trolley panel as standard.

Mechanical Overload - Hoists are equipped with additional mechanical overload protection upon customer request.



Electric Wire Rope Hoists

Kammi supplies a variety of rugged electric wire rope hoist in low headroom, foot/ deck mounted, top running double girder trolley and standard headroom configurations. Available in 230/460/575V-3ph-60Hz and 60Hz for all North American voltage supplies. We work directly with crane builders and material handling companies through distribution in Canada, the United States and Mexico to form partnerships in local markets.

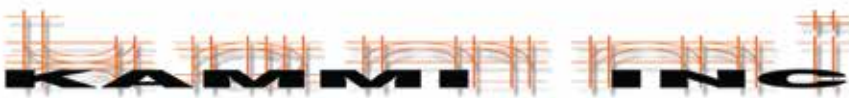
Crane Components

With access to some of the leading crane component manufacturers in Europe we have supplied motorized and plain wheel blocks, geared brake motors for trolley and bridge motions, crane wheels and a variety of accessories including load limiters and hook blocks to the North American material handling industry for over 13 years now. Contact us for more info on components!

Spare Parts

A big advantage we offer to our stocking partners is that we have had the same hoist design and construction for many years with no plans to change. This simplifies stocking parts and reduces stocking costs. Our hoists are proven and tested so we are not looking to change or test anything new on the market. The lifting motor and rope guides today, will be the same tomorrow as they were yesterday.

Kammi Cranes Inc – We focus on the hoists allowing our partners more time to focus on the cranes.



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Hoists Built to Last