
TNC
CRANES
Wire Rope Solutions
Claw Series
Electric Wire Rope Hoist
Capacity 1-100t
Engineered in Australia, Built for Mining



Streamlining **Precision and Elevating Excellence**.

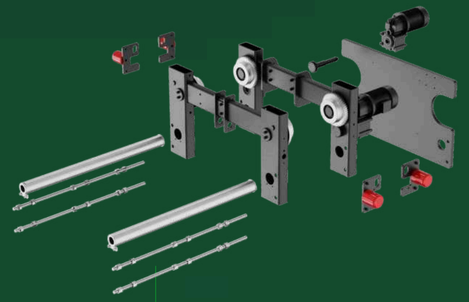
- **Exceptional Performance:** The Claw Series Hoist is engineered to deliver top-notch performance in demanding mining environments. With lifting capacities ranging from 1.6 tons to 100 tons, this hoist ensures efficient and reliable lifting operations, meeting the diverse demands of various lifting tasks.
- **Versatile Applications:** Designed to adapt to a wide range of applications, the Claw Series Hoist is perfect for mining sites, manufacturing plants, warehouses, and more. Its versatility makes it a valuable asset for any industry requiring robust and dependable lifting solutions.
- **High-Quality Construction:** Constructed with premium materials and state-of-the-art manufacturing processes, the Claw Series Hoist guarantees durability and longevity. The high-quality components ensure minimal maintenance and downtime, providing a cost-effective lifting solution over its lifespan.
- **Enhanced Safety Features:** Safety is paramount in lifting operations, and the Claw Series Hoist is equipped with advanced safety features, including overload protection, emergency stop functions, and precision controls. These features safeguard both the operators and the load, ensuring safe and smooth operations.
- **Efficient Operation:** With optimized lifting speeds and powerful lifting motors, the Claw Series Hoist enhances productivity by reducing the time required for lifting and lowering operations. The efficient traveling speed and smooth traveling motors further contribute to its operational efficiency.
- **Ease of Integration:** The Claw Series Hoist is designed for easy integration into existing lifting systems. Its compatibility with various rail sizes and beam configurations simplifies the installation process, making it a hassle-free addition to your lifting equipment.
- **Cost-Effective Solution:** By combining high performance, durability, and low maintenance requirements, the Claw Series Hoist offers a cost-effective lifting solution. Its reliability and efficiency lead to long-term savings, making it a smart investment for businesses.
- **Customization Options:** Understanding that different industries have unique requirements, the Claw Series Hoist offers customization options to tailor the hoist to specific needs. Whether it's a particular lifting height, speed, or additional safety features, the Claw Series Hoist can be customized to meet your precise demands.
- **Support and Service:** Backed by TNC Cranes' commitment to customer satisfaction, the Claw Series Hoist comes with comprehensive support and service. From installation assistance to routine maintenance and emergency repairs, TNC Cranes ensures that your lifting operations run smoothly without interruptions.
- **Proven Track Record:** With a legacy of delivering high-quality lifting equipment, TNC Cranes has established a reputation for excellence in the industry. The Claw Series Hoist is a testament to this commitment, providing reliable and efficient lifting solutions that businesses can trust. Designed in Australia for mining conditions, this hoist combines exceptional performance, safety, and reliability.

01.Maximize Efficiency

Various layouts enhance lifting heights and accessibility, optimizing your work area and utilizing existing structures without additional investment.

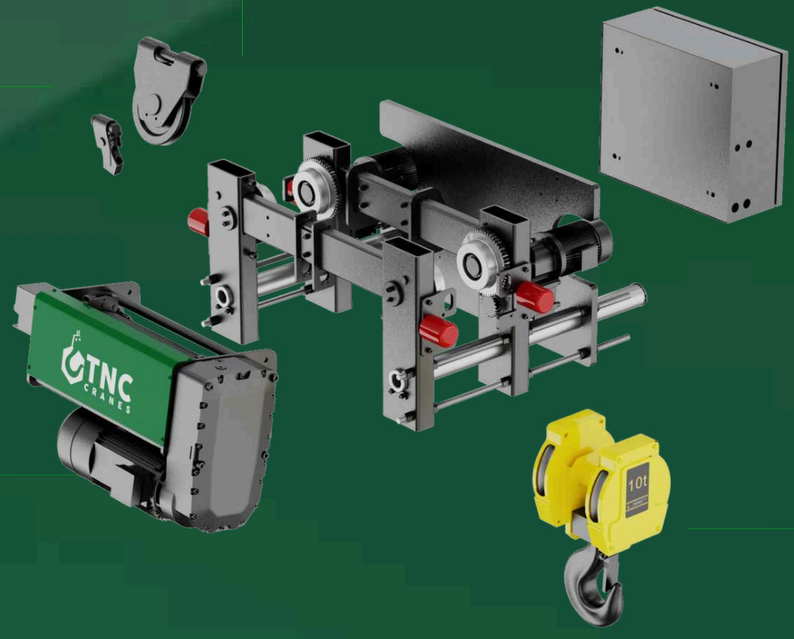
02.Safer Loading

The innovative design of TNC Cranes allows crane operators to keep both hands free when inserting or removing a load attachment from a hook, reducing the risk of finger, hand, or back injuries.



04. Versatile Operation

Designed to adapt to a wide range of applications, manufacturing plants, warehouses, construction sites, and more. Its versatility makes it a valuable asset for any industry requiring robust and dependable lifting solutions.



03. Enhance Performance

Two-speed default hoisting movements and integrated inverters make operation safer and easier, optimizing overall performance.

06. Customizable

Understanding that different industries have unique requirements, the SHA8-B hoist offers customization options to tailor the hoist to specific needs.

05.Precision Load Control

Advanced features help operators maintain smooth, steady movements, enhancing safety and productivity.



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Model CLAW|LH

Low Headroom Wire Rope Claw Series



1-20t

Model CLAW|DG

Double Girder Wire Rope Claw Series



3.2-100t

Model CLAW|NH

Normal Headroom Wire Rope Claw Series



3.2-25t

Claw Series Frames

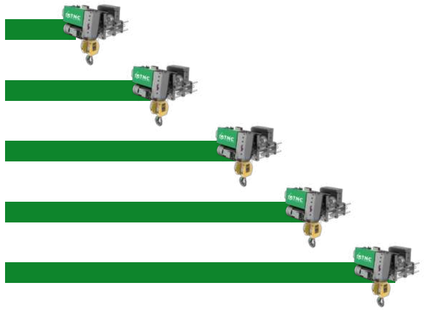
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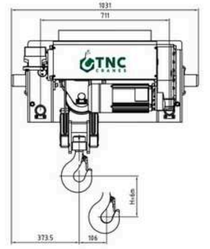
Model CLAW|LH

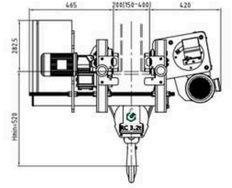
Low Headroom Wire Rope Claw Series

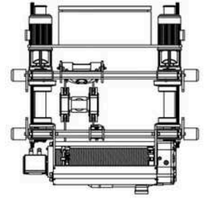


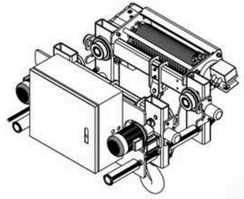
1-20t













Hoist Geared Brake Motor:

Aluminum alloy body, light weight, IP55 protection, heavy duty pole changing motor, 60% ED rating, low noise and smooth operation, Hardened and ground helical gears, Equipped with DC disc brake.



Drum and Wire Rope

Drum is made from seamless steel pipe. High precision machined grooves effectively extend service life of wire rope. 6x37, Steel core, 1960MPa wire rope. Excellent design of rope guide with pressure rollers and guide bar keeping wire rope balanced in the drum grooves.



Trolley Drive Unit

Compared with traditional trolley drive, an integrated geared brake motor drive unit has advantages like compact structure, noiseless operation, higher efficiency and appealing aesthetics. Pole changing motor equipped with DC disc brake.



Control Panel

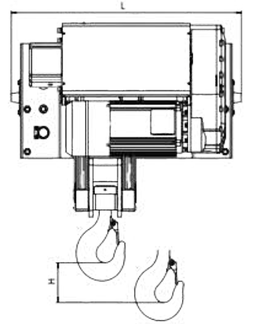
Schneider contactor, systematic cable routing with proper numbering, Over current protection for motors, phase fault & phase sequence protection to avoid fatal failures. Special control panels are provided depending on requirements. Inverters are optional as per requirement.

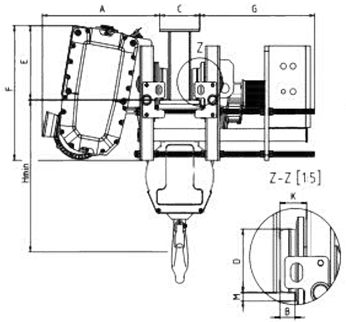
Engineered in Australia, Built for Mining

Model CLAW|LH

Technical Specifcations

Model	Capacity (t)	Duty	Reeving	Lifting speed (m/min)	Lifting motor (kW)	Traveling speed (m/min)	Traveling motor (kW)	Rope Dia (mm)	Beam C (mm)		A mm	B mm	O mm	E mm	F mm	G mm	K mm	M mm	Hmin mm	L(mm) H (Lifting height m)				
									I	H										6	9	12	15	18
SHA8 -2D	1	M7	2/1	10/1.6	3.2/0.45	20/5	0.37/0.1	7	94-180	180-400	432	30	100	226	431	491	59	30	560	/	/	945	/	1157
	1.25	M6	2/1	10/1.6																				
	1.6	M5	2/1	10/1.6																				
	2	M7	4/1	5/0.8															470	945	1157	1369	1581	/
	2.5	M6	4/1	5/0.8																				
	3.2	M5	4/1	5/0.8																				
SHA8 -3D	2	M6	2/1	10/1.6	6.0/0.9	20/5	0.55/0.13	9	116-180	180-460	499	30	125	271	519	491	59	32	700	/	/	980	/	1190
	2.5	M5	2/1	10/1.6																				
	3.2	M4	2/1	10/1.6																				
	4	M6	4/1	5/0.8															550	980	1190	1400	1610	/
	5	M5	4/1	5/0.8																				
	6.3	M4	4/1	5/0.8																				
SHA8 -4D	4	M6	2/1	10/1.6	9.5/1.5	20/5	0.75/0.18	13	142-180	180-460	601	37	150	351	636	562	67	40	940	/	/	1093	/	1305
	5	M5	2/1	10/1.6																				
	6.3	M4	2/1	10/1.6	12.3/1.9																			
	8	M6	4/1	5/0.8	9.5/1.5		2* 0.75/0.18												700	1093	1305	1517	1729	/
	10	M5	4/1	5/0.8																				
	12.5	M4	4/1	5/0.8	12.3/1.9																			





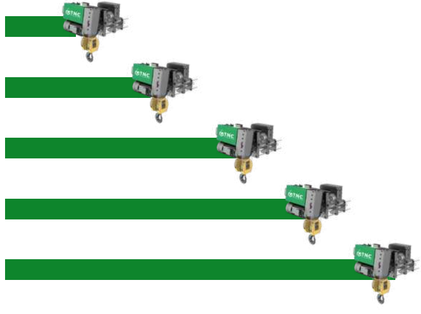
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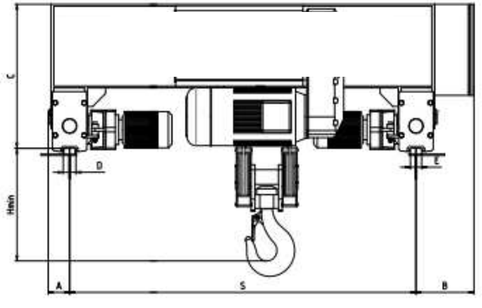
Model CLAW|DG

Double Girder Wire Rope Claw Series



3.2-100t







Hoist Geared Brake Motor:

Aluminum alloy body, light weight, IP55 protection, heavy duty pole changing motor, 60% ED rating, low noise and smooth operation, Hardened and ground helical gears, Equipped with DC disc brake.



Drum and Wire Rope

Drum is made from seamless steel pipe. High precision machined grooves effectively extend service life of wire rope. 6x37, Steel core, 1960MPa wire rope. Excellent design of rope guide with pressure rollers and guide bar keeping wire rope balanced in the drum grooves.



Trolley Drive Unit

Compared with traditional trolley drive, an integrated geared brake motor drive unit has advantages like compact structure, noiseless operation, higher efficiency and appealing aesthetics. Pole changing motor equipped with DC disc brake.



Control Panel

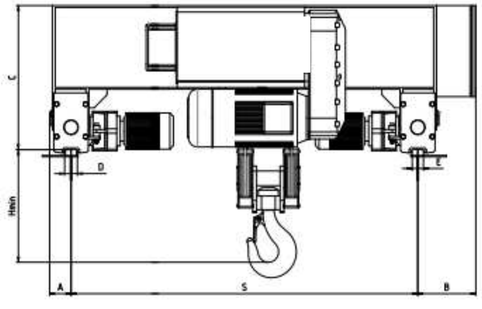
Schneider contactor, systematic cable routing with proper numbering, Over current protection for motors, phase fault & phase sequence protection to avoid fatal failures. Special control panels are provided depending on requirements. Inverters are optional as per requirement.

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Model CLAW|DG

Technical Specifcations

SHA8-1BS	5	4/1	M5	5/0.8	6/0.9	20/5	2×0.37	1400	1600	1800	96	325	900	50	40	250	125	13	531
SHA8-4BS	10	4/1	M5	5/0.8	9.5/1.5	20/5	2×0.55	1400	1600	1800	110	339	600	65	50	300	160	13	1112
	12.5	4/1	M4	5/0.8	12.3/1.9	20/5	2×0.55	1400	1600	1800	110	339	600	65	50	300	160	13	1112
SHA8-4TBS	16	4/1	M5	4/0.6	16/2.6	20/5	2×1.1	1600	1800	2000	120	349	900	75	60	350	200	18	1898
	20	4/1	M4	4/0.6		20/5	2×1.1	1600	1800	2000	120	349	900	75	60	350	200	18	1898
SHA8-5BS	20	4/1	M5	3.4/0.5	16/2.6	20/5	2×1.1	1600	1800	2000	120	349	900	75	60	350	200	18	1898
	25	4/1	M4	3.4/0.5		20/5	2×1.1	1600	1800	2000	120	349	900	75	60	350	200	18	1898
SHA8-6BS	40	4/1	M4	4.9/0.8	16	20/5	2×1.5	2000	2000	2500	145	374	1070	85	70	450	315	20	2958
	63	4/1	M4	3.3/0.5		20/5	2×2.2	2000	2500	2000	145	374	1280	85	70	450	315	20	2958



SHA8-4BZ	32	8/2	M5	4/0.6	2×16/2.6	20/5	2×1.5	2000	2000	2000	130	359	1100	75	60	660	250	18	3425
	40	8/2	M4	4/0.6	2×16/2.6	20/5	2×1.5	2000	2000	2000	130	359	1100	75	60	660	250	18	3425
SHA8-5BZ	40	8/2	M5	3.4/0.5	2×16/2.6	20/5	2×2.2	2000	2000	2200	145	374	1150	85	70	760	315	18	3850
	50	8/2	M4	3.4/0.5	2×16/2.6	20/5	2×2.2	2000	2000	2200	145	374	1150	85	70	760	315	18	3850
SHA8-6BZ	63	6/2	M4	6.5/1.1	2×38	20/5	2×3	2000	2000	2000	145	374	1280	85	70	820	315	20	4930
	63	8/2	M5	4.9/0.8	2×38	20/5	2×3	2000	2000	2200	145	374	1330	85	70	840	315	20	5565
	80	8/2	M4	4.9/0.8	2×38	20/5	2×4	2000	2000	2200	170	399	1330	95	80	840	400	20	5565
	80	10/2	M5	4/0.6	2×38	20/5	2×4	2000	2200	2500	170	399	1330	95	80	930	400	20	6170
	100	10/2	M4	4/0.6	2×38	20/5	2×4	2000	2200	2500	170	399	1330	95	80	930	400	20	6170

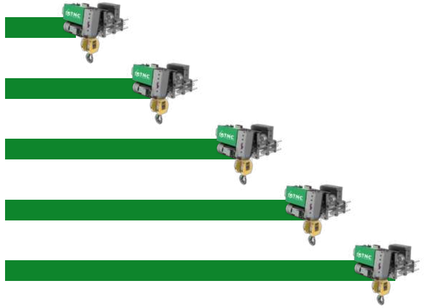
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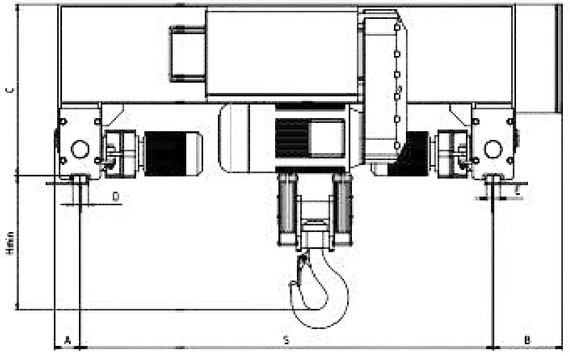
Model CLAW|NH

Normal Headroom Wire Rope Claw Series



3.2-25t







Hoist Geared Brake Motor:

Aluminum alloy body, light weight, IP55 protection, heavy duty pole changing motor, 60% ED rating, low noise and smooth operation, Hardened and ground helical gears, Equipped with DC disc brake.



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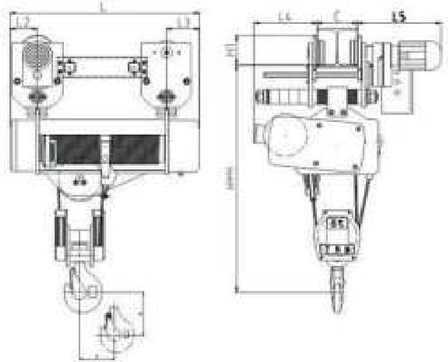
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Model CLAW|NH

Technical Specifcations

Type	Capacity (t)	Classification	Rope reeving	Lifting speed m/min	Lifting motor kw	Traveling speed m/min	Traveling motor kw	Suitable for rail D (mm) I	Suitable for rail D (mm) H	L2 mm	L3 mm	L4 mm	L5 mm	H1 mm	Hmin mm	D mm	S mm	L (mm) Lifting height (H) 6m	9m	12m	15m	18m	24m	30m
SHA2B	1.6	M5	2/1	8/1.2	2.5/0.37	20/3.7	0.37/0.12	110-180	180-420	125	173	243	375	121	1243	110	0.0108H	/	806	923	/	1141	1380	1619
	3.2	M5	4/1	4/0.6											1037	172		923	1141	1390	1619	/	/	/
SHA3B	2.5	M5	2/1	8/1.2	4.9/0.8	20/3.7	0.37/0.12	110-180	180-420	138	173	321	375	121	1318	110	0.0212H	/	648	970	/	1224	1479	1734
	5	M5	4/1	4/0.6			0.55/0.18	130-180	180-420				429	151	1109	215		970	1224	1479	1734	/	/	/
SHA4B	5	M5	2/1	10/1.8	12.5/2	20/3.7	0.55/0.18	130-180	180-420	169	182	399	429	151	1067	156	0.0192H	/	881	1046	/	1224	1455	1686
	6.3	M4																						
	10	M5	4/1	5/0.8			0.75/0.25	140-180	180-450				434	179	1449	270		1046	1224	1455	1686	/	/	/
	12.5	M4																						



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CRANE SALES, SERVICE, REPAIR ENGINEERING SOLUTIONS

ENGINEERING SUPPORT - TURN-KEY -DESIGN- SALE - SERVICE



Our mission is to ensure the highest level of service and support for our customers, leveraging our integrated network of trusted partners.

Our extensive service network spans Brisbane, Perth, Sydney, and Melbourne, ensuring comprehensive coverage and rapid response times.

Service Support Locations

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