



# 1SS-1C-20, 1-TON ELECTRIC CHAIN HOIST 1-PHASE 20' LIFT

112000

JET® SSC Series electric hoists combines safety and durability to operate in commercial and industrial applications. All models incorporate a slip clutch overload protection mechanism that prevents the hoist from lifting damaging loads above its rated capacity. They are available in single or three phase configurations to suit your electrical needs. Single phase models have a thermal overload protection design that keeps the hoist from overheating, while the three phase models feature a reverse phase relay that protects the hoist from incorrect wiring. The industry proven DC electro-magnetic brake increases safety by holding the load even when power is interrupted. The maintenance-free gear train incorporates a sealed oil bath, for reliability and durability. The JET® SSC series electric hoist is available in ½ ton to 5 ton capacities with standard lifts of 10, 15, and 20 feet (custom lifts available).



## FEATURES

- SAFETY
  - Overload Protection- Slip Clutch design prevents the hoist from lifting damaging loads above its rated capacity
  - Thermal Overload Protection- Protects the hoist from overheating in low voltage situations
  - DC Electro-Magnetic Brake- An industry-proven safety feature that secures the load even if power is interrupted to the hoist
  - Limit Switches- Upper and lower limiting switches increase safety by preventing the load chain from over traveling
- DURABILITY
  - Sealed Gear Train- Maintenance-free gear train incorporates a sealed oil bath that eliminates upkeep
  - Grade 80 Load Chain- Grade 80 black oxide coated load chain for durability
  - Control Pendant- 24 volt push button controller with cable strain relief system for durability and reliability in industrial and commercial settings
  - All Steel Construction- Fully enclosed, all steel plate construction with a durable powder coat finish keeps out moisture, dust and debris lengthening the life of the hoist
- PERFORMANCE
  - Single Phase:
  - Duty Rating- H3
  - Duty Cycle- 25%
  - Standards
  - This product complies with ANSI / ASME B30.16 and HST-1 standards
  - Certification- Load tested to 125% of capacity with certificate
  - Controls- NEMA 4X compliant push button control pendants
  - JET VOLT and SSC Series Electric Hoists and JET ET Series Electric Trolleys are NOT rated or designed for outdoor use or wet environments



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## SPECIFICATIONS

Load Capacity (Tons)	1
Lift (Ft.)	20
Motor Power (HP)	1-3/4
Motor Voltage (V.)	115 / 230
Motor (HP)	1-3/4 HP, 230V, 1 Ph
Motor Phase	1
Load Chain Dimensions (Mm.)	8 x 24
Number of Falls	1
Duty Cycle Rating	H3
Duty Cycle (%)	25
Max. On Time (Min. / Hr.)	15
Max. Number of Starts (Per Hr.)	150
Lifting Speed (FPM)	19
Headroom (In.)	24-7/16
Weight (Lbs.)	171
Weight for Additional 1 Ft. of Lift (Lbs.)	1



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## FULL SERIES

STOCK NO	MODEL NO	LOAD CAPACITY (TONS)	LIFT (FT.)	MOTOR POWER (HP)	MOTOR VOLTAGE (V.)	MOTOR (HP)
121100	1/2SS-1C-10	1/2	10	7/8	115 / 230	7/8 HP, 115 / 230V, 1 Ph
121150	1/2SS-1C-15	1/2	15	7/8	115 / 230	7/8 Hp, 115 / 230V, 1 Ph
121200	1/2SS-1C-20	1/2	20	7/8	115 / 230	7/8 Hp, 115 / 230V, 1 Ph
123100	1/2SS-3C-10	1/2	10	1-1/5	230 / 460	1-1/3 HP, 460V, 3 Ph
123150	1/2SS-3C-15	1/2	15	1-1/5	230 / 460	1-1/3 HP, 460V, 3 Ph
123200	1/2SS-3C-20	1/2	20	1-1/5	230 / 460	1-1/3 HP, 460V, 3 Ph
111000	1SS-1C-10	1	10	19	115 / 230	1-3/4 HP, 230V, 1 Ph
111500	1SS-1C-15	1	15	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
112000	1SS-1C-20	1	20	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
131000	1SS-3C-10	1	10	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph
131500	1SS-3C-15	1	15	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph
132000	1SS-3C-20	1	20	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph
211000	2SS-1C-10	2	10	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
211500	2SS-1C-15	2	15	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
212000	2SS-1C-20	2	20	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
231000	2SS-3C-10	2	10	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph
231500	2SS-3C-15	2	15	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph
232000	2SS-3C-20	2	20	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph
311000	3SS-1C-10	3	10	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
311500	3SS-1C-15	3	15	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
312000	3SS-1C-20	3	20	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
331000	3SS-3C-10	3	10	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph

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FULL SERIES

STOCK NO	MODEL NO	LOAD CAPACITY (TONS)	LIFT (FT.)	MOTOR POWER (HP)	MOTOR VOLTAGE (V.)	MOTOR (HP)
332000	3SS-3C-20	3	20	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph
511000	5SS-1C-10	5	10	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
511500	5SS-1C-15	5	15	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
512000	5SS-1C-20	5	20	1-3/4	115 / 230	1-3/4 HP, 230V, 1 Ph
531000	5SS-3C-10	5	10	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph
531500	5SS-3C-15	5	15	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph
530200	5SS-3C-20	5	20	2-1/7	230 / 460	2-1/7 HP, 460V, 3 Ph



## **SS SINGLE SPEED HEAVY DUTY ELECTRIC CHAIN HOIST**

Designed for commercial and industrial applications the JET Single Speed Electric Hoists are easy to install, inspect, and maintain. The SS Hoist is equipped with a heavy duty ventilated motor available in a range of HP from 7/8 to 2-1/7. Gear trains feature lifetime lubrication eliminating the need for oil changes. All models come standard with slip clutch overload protection, chain containers and drop forged, heat treated hooks that swivel 360 degrees for easy rigging. Single phase units feature a solid state starting switch that eliminates the mechanical centrifugal mechanism and reversing switch. Quick connect wiring for power and push button controls allow for quick set-up while the DC electro-magnetic brake secures loads even if power is interrupted.

For added convenience and versatility equip the SS Series Electric Hoists with a JET ET series Electric Trolley. Available in a variety of capacities the ET Electric Trolley features the same quick-connect cords as the SS Electric Hoists allowing for fast set-up and installation.





## SS SERIES, SINGLE SPEED HEAVY-DUTY ELECTRIC CHAIN HOISTS

- Designed for commercial and industrial applications
- 1/2-ton to 5-ton capacities, single or three phase models
- 10', 15' and 20' lifts standard, custom length lifts available
- Easy to install, inspect and maintain
- Totally enclosed steel plate construction with a durable powder coat finish
- Gear train features lifetime lubrication, no oil changes required
- Heavy-duty ventilated motor with thermal overload protection or reverse phase protection
- Single phase models feature thermal overload protection
- Three phase models feature reverse phase protection
- Can be operated on 50Hz power with 16% reduction in lifting speed
- Equipped with heavy-duty chain container
- Reliable DC electromagnetic brake holds the load even if power is interrupted
- Quick-connect wiring for power and push button controls
- Upper and lower limit switches prevent over-travel

STOCK NUMBER	MODEL NUMBER	STANDARD LIFT	HEADROOM (IN)	DUTY CYCLE	DUTY CYCLE RATING	LIFTING SPEED/ FT PER MINUTE	MOTOR OUTPUT (HP)	RATED AMPS 115V	RATED AMPS 230V	LOAD CHAIN DIAMETER (MM)	NUMBER OF FALLS	GROSS WEIGHT (LBS)
<b>1/2 TON, 1 PHASE</b>												
121100	1/2SS-1C-10	10ft	20 3/16	25%	H3	19.7	7/8	12.6	6	6.3x19	1	108
121150	1/2SS-1C-15	15ft	20 3/16	25%	H3	19.7	7/8	12.6	6	6.3x19	1	112 1/2
121200	1/2SS-1C-20	20ft	20 3/16	25%	H3	19.7	7/8	12.6	6	6.3x19	1	114 1/2
<b>1 TON, 1 PHASE</b>												
111000	1SS-1C-10	10ft	24 7/16	25%	H3	19.7	1-3/4	20.8	10	8x24	1	170
111500	1SS-1C-15	15ft	24 7/16	25%	H3	19.7	1-3/4	20.8	10	8x24	1	174
112000	1SS-1C-20	20ft	24 7/16	25%	H3	19.7	1-3/4	20.8	10	8x24	1	181
<b>2 TON, 1 PHASE</b>												
211000	2SS-1C-10	10ft	28 1/8	25%	H3	9.8	1-3/4	20.8	10	8x24	2	185
211500	2SS-1C-15	15ft	28 1/8	25%	H3	9.8	1-3/4	20.8	10	8x24	2	196
212000	2SS-1C-20	20ft	28 1/8	25%	H3	9.8	1-3/4	20.8	10	8x24	2	205
<b>3 TON, 1 PHASE</b>												
311000	3SS-1C-10	10ft	31 1/2	25%	H3	6.6	1-3/4	20.8	10	8x24	3	216
311500	3SS-1C-15	15ft	31 1/2	25%	H3	6.6	1-3/4	20.8	10	8x24	3	231 1/2
312000	3SS-1C-20	20ft	31 1/2	25%	H3	6.6	1-3/4	20.8	10	8x24	3	244 1/2
<b>5T, 1 PHASE</b>												
511000	5SS-1C-10	10ft	30 11/16	25%	H3	4.9	1-3/4	22	10.5	8x24	4	236
511500	5SS-1C-15	15ft	30 11/16	25%	H3	4.9	1-3/4	22	10.5	8x24	4	255 1/2
<b>1/2T, 3 PHASE</b>												
								<b>RATED AMPS 230V</b>	<b>RATED AMPS 460V</b>			
123100	1/2SS-3C-10	10ft	20-3/16	30%	H3	31.5	1-1/5	3.5	1.8	8x24	1	99
123150	1/2SS-3C-15	15ft	20-3/17	30%	H3	31.5	1-1/5	3.5	1.8	8x24	1	103 1/2
123200	1/2SS-3C-20	20ft	20-3/18	30%	H3	31.5	1-1/5	3.5	1.8	8x24	1	106
<b>1 TON, 3 PHASE</b>												
131000	1SS-3C-10	10ft	24 7/16	30%	H3	24.8	2-1/7	5.9	3	8x24	1	158 1/2
131500	1SS-3C-15	15ft	24 7/16	30%	H3	24.8	2-1/7	5.9	3	8x24	1	163
132000	1SS-3C-20	20ft	24 7/16	30%	H3	24.8	2-1/7	5.9	3	8x24	1	170
<b>2 TON, 3 PHASE</b>												
231000	2SS-3C-10	10ft	28 1/8	30%	H3	12.4	2-1/7	5.9	3	8x24	2	174
231500	2SS-3C-15	15ft	28 1/8	30%	H3	12.4	2-1/7	5.9	3	8x24	2	185
232000	2SS-3C-20	20ft	28 1/8	30%	H3	12.4	2-1/7	5.9	3	8x24	2	194
<b>3 TON, 3 PHASE</b>												
331000	3SS-3C-10	10ft	31 1/2	30%	H3	8.3	2-1/7	5.9	3	8x24	3	205
331500	3SS-3C-15	15ft	31 1/2	30%	H3	8.3	2-1/7	5.9	3	8x24	3	220 1/2
332000	3SS-3C-20	20ft	31 1/2	30%	H3	8.3	2-1/7	5.9	3	8x24	3	233 1/2
<b>5 TON, 3 PHASE</b>												
531000	5SS-3C-10	10ft	30 11/16	30%	H3	6.2	2-1/7	5.9	3	8x24	4	225
531500	5SS-3C-15	15ft	30 11/16	30%	H3	6.2	2-1/7	5.9	3	8x24	4	244 1/2