



Pull cord control



Pendant Throttle Control

PULL CORD OR PENDANT THROTTLE CONTROL

Rated Loads: 1/4, 1/2 and 1-Ton

BUDGIT® Series 2200 Air Hoists are precision built chain type hoists with a choice of capacities of 1/4, 1/2 and 1-ton. Each size is available in pull cord control and pendant throttle control models. Variations include link type or roller type load chains, hook suspension for portability or lug suspension for close headroom trolley hoist arrangements, and spark resistant link chain models.

Features

- Pull Cord Control provides a lightweight, economical hoist for accurate control of loads.
- Pendant Throttle Control hoists offer ergonomic one-handed control, for ease of operation.
- Inlet air swivel with built-in strainer provides free hoist movement.
- Aluminum frame and end cover contributes to the lightweight, easily portable, and rugged design.
- Heavy duty shoe type brake is a proven design for stopping and holding loads in heavy duty applications.
- External adjustment screws for decreased lift and lower speeds.
- External brake adjustment.
- Limit stops prevent over-travel in upper and lowering directions.
- Equa-torque gearing of alloy steel, heat treated spur gears is accurately machined to provide a close meshed, compact gear reduction.
- Eight-vane motor provides high torque, smooth starting and excellent control.
- Tapped exhaust port 1/2 NPTF... for CLEAN applications or to add a supplemental muffler in addition to the built-in muffler for even quieter operation.

BASIC HOIST DATA

Rated Loads: 1/4, 1/2 and 1-Ton
(Spark resistant models are rated at 3/8 and 3/4-ton).

Air Pressure Recommended: 90 PSI

Air Consumption: 48 SCFM at 90 PSI

Net Weight (Basic Hoist): 36 lbs.

Suspension: Hook or lug

Control: Pull Cord or Pendant Throttle

Air Inlet Size: 3/8 NPTF

Air Supply Hose: 1/2 I.D. min.

Air Exhaust: 1/2 NPTF

Lift: 10 foot lifts are standard. Longer lifts are an optional extra.

Pendant Control: 6 foot length is standard. Longer lengths are an optional extra.

OPTIONAL

For greater corrosion resistance, a plated load chain is offered as an optional extra.

HOOK MOUNTED / CATALOG NUMBERS AND SPECIFICATIONS

Type	Capacity (tons)	Pull Cord Control		Pendant Throttle Control*		Parts of Load Chain	Lifting Speed Max** (fpm)	Lowering Speed Max** (fpm)
		Catalog No.	Net Wt. (lbs)	Catalog No.	Net Wt. (lbs)			
STANDARD MODELS								
Roller Chain	1/4	2201	37	2202	47	1	65	95
	1/2	2203	37	2204	47	1	45	120
	1	2205	51	2206	61	2	23	60
Link Chain	1/4	2211	36	2212	46	1	65	95
	1/2	2215	36	2216	46	1	45	120
	1	2219	49	2220	59	2	23	60
SPARK RESISTANT MODELS								
Link Chain	3/8	2241	35	2242	46	1	60	100
	3/4	2243	49	2244	59	2	29	52

LUG MOUNTED / CATALOG NUMBERS AND SPECIFICATIONS

Type	Capacity (tons)	Pull Cord Control		Pendant Throttle Control*		Parts of Load Chain	Lifting Speed Max** (fpm)	Lowering Speed Max (fpm)
		Catalog No.	Net Wt. (lbs)	Catalog No.	Net Wt. (lbs)			
STANDARD MODELS								
Link Chain	1/4	2251	36	2252	46	1	65	95
	1/2	2255	36	2256	46	1	45	120
	1	2259	49	2260	59	2	23	60
SPARK RESISTANT MODELS								
Link Chain	3/8	2281	36	2282	46	1	60	100
	3/4	2283	49	2284	59	2	29	52

*Equipped with 6 foot pendant control.

**Speeds based on 90 PSI line pressure and with full rated hoist load.

Hoist speeds are adjustable and can be reduced to 50% of full rated speed.

Shipped from factory with hoisting speed set at maximum rated speed; lowering speed set at reduced speed.



Pendant throttle control air hoist (6000 series)

PENDANT THROTTLE CONTROL

Rated Loads: 1, 2, and 3-Tons

BUDGIT® Series 6000 Air Hoists are made in single line 1-ton, double line 2-ton and triple line 3-ton models. All units are equipped as standard with pendant throttle control, MANGUARD clutch overload protection, link chain, and hook or lug suspension. Spark and corrosion resistant models are also available.

Series 6000 Air Hoists utilize the popular BUDGIT® Electric Hoist frame. Practically all mechanical parts used in these air hoists are interchangeable with comparable BUDGIT® Electric Hoists. This assures users of a proven performance record of mechanical parts and ease of maintenance. Mechanical load brake offers load control for the most precise spotting capabilities not found in air hoists without a mechanical load brake.

Features

- Aluminum Frame and Cover – lightweight, rugged holding shafts and bearings in close alignment.
- Gearing – combination of precision cut, heat treated helical and spur gears for quiet, efficient operation.
- Mechanical Load Brake – positive action, spring biased Weston type load brake holds the load and provides exacting load spotting and control.
- Overload Protection – MANGUARD overload device protects against excessive overloads...clutch also acts at upper and lower limits.
- Multi-vane Rotary Air Motor – eight vanes provide high torque, smooth operation, positive starting and excellent control.
- Internal Muffler – reduces sound level.
- Pendant Control – pendant throttle handle is of the full flow design for the finest throttling capabilities.
- Throttle Valve – precision throttle valves meter the air for smooth operation.

BASIC HOIST DATA

Rated Loads: 1, 2, and 3-ton (Spark resistant models are rated at 1/2, 1 and 2-ton).

Air Pressure Recommended: 90 PSI

Air Consumption: 70 SCFM (full load–full speed) slow speed model; 80 SCFM (full load–full speed) fast speed model.

Pendant Control Hose: 6 foot pendant

hose standard for 10 foot lift hoist, longer hose assemblies up to 36 foot available.

Lift: 10 foot lifts are standard. Longer lifts are an optional extra.

Net Weight (Basic Hoist): 100 lbs.

Suspension: Hook or lug

Air Inlet Size: 3/4 NPTF

Air Supply Hose Size: 3/4 I.D. min.

HOOK SUSPENSION / CATALOG NUMBERS AND SPECIFICATIONS					
Capacity (tons)	Catalog Number	Net Weight	Parts of Load Chain	Full Load Hoist Speed in FPM	Full Load Lowering Speed in FPM
STANDARD MODELS					
1	911644 911641	93 95	1	13 30	18 42
2	911645 911642	110 112	2	6 15	9 21
3	911646 911643	144 146	3	4 10	6 14
SPARK RESISTANT MODELS					
1/2	911683	95	1	16	22
1	911684	112	2	8	11
2	911685	146	3	5	7

Hoist speeds based on 90 PSI line pressure with full load at full throttle.

LUG SUSPENSION / CATALOG NUMBERS AND SPECIFICATIONS					
Capacity (tons)	Catalog Number	Net Weight	Parts of Load Chain	Full Load Hoist Speed in FPM	Full Load Lowering Speed in FPM
STANDARD MODELS					
1	911654 911651	106 108	1	13 30	18 42
2	911655 911652	116 118	2	6 15	9 21
3	911656 911653	164 166	3	4 10	6 14
SPARK RESISTANT MODELS					
1/2	911693	110	1	16	22
1	911694	120	2	8	11
2	911695	170	3	5	7