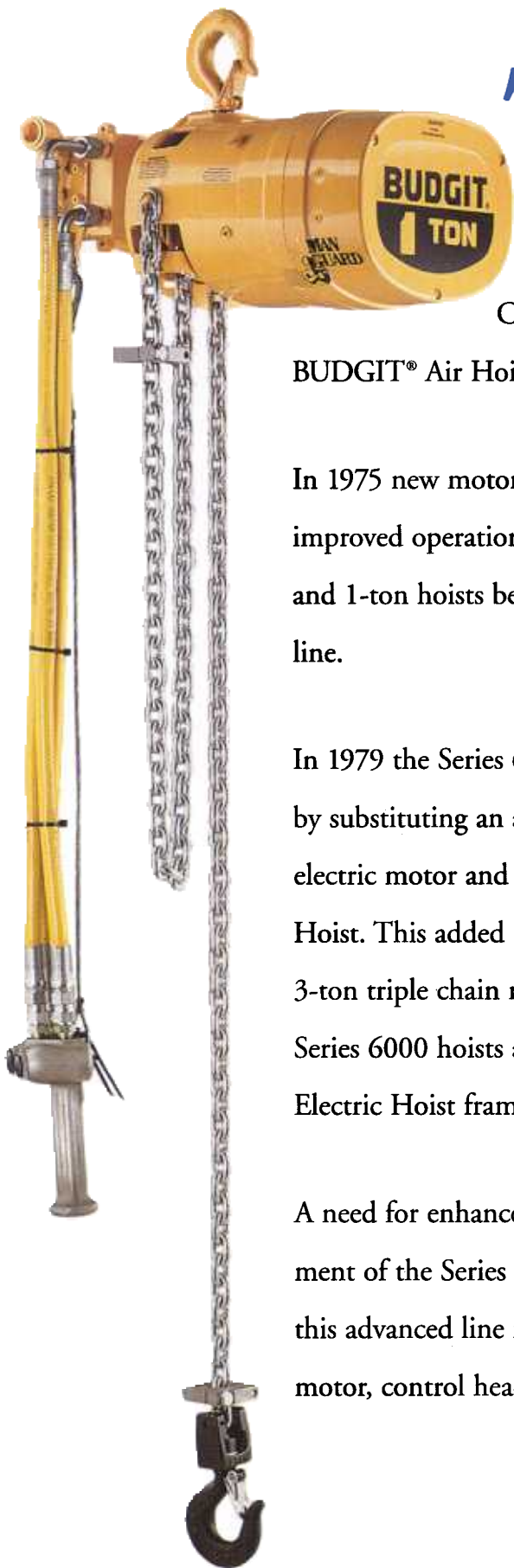
The image features a close-up of two industrial lifting components against a dark blue background. On the left, a yellow cable with a braided steel core is attached to a metal trolley. On the right, a silver metal chain is connected to a hook. The hook has "150N" and "216859" stamped on it. The trolley has two vertical pins. The text "BUDGIT AIR HOISTS & TROLLEYS" is overlaid in a black bar across the top.

BUDGIT. AIR HOISTS & TROLLEYS



The first BUDGIT® Air Hoist was introduced in 1958 in response to an industry need for an economical, high-performance air hoist.

Constant improvements in design have kept BUDGIT® Air Hoists ahead of changing industry demands.

In 1975 new motor and control head designs dramatically improved operation, quietness and control. These new 1/4, 1/2, and 1-ton hoists became the Series 2000 BUDGIT® Air Hoist line.

In 1979 the Series 6000 BUDGIT® Air Hoists were developed by substituting an air motor and pendant throttle control for the electric motor and controls in the popular BUDGIT® Electric Hoist. This added 1-ton single chain, 2-ton double chain and 3-ton triple chain models to the BUDGIT® Air Hoist family. Series 6000 hoists are based on the same dependable BUDGIT® Electric Hoist frame and feature many interchangeable parts.

A need for enhanced pendant throttle control led to the development of the Series 2200 line in 1982. Changes incorporated in this advanced line include improved cylinders and a redesigned motor, control head, brake and pendant throttle handle.

HOW TO DETERMINE YOUR HOIST REQUIREMENTS

Hoist Capacity

Determine the maximum load to be lifted. Series 2200 Air Hoists are offered in 1/4, 1/2 and 1-ton capacities. Series 6000 Air Hoists are offered in 1, 2, and 3-ton capacities. If the load falls between standard rated capacities, always select the higher capacity (i.e., for 4,300 lb. maximum load, use 6,000 lb. or 3-ton capacity hoist).

Hoist Lift

To determine the total lift required, measure the distance from the bottom of the beam to the lowest point on the floor to be reached and subtract the hoist headroom dimension shown in the specifications. The remaining distance is the lift required on the hoist. Always select a standard lift equal to or greater than the distance required.

Duty Cycle

Air motors inherently are self-cooling during operations. Unlike an electric motor which heats during operation (limiting the "on-time" and "number of starts"), air motors are suitable for unlimited "on-time" and unlimited "number of starts"...a requirement for heavy duty applications. Additionally, the self-cooling effect makes air hoists the choice in many high ambient temperature applications. Both Series 2200 and Series 6000 Air Hoists with their vane air motors are desirable for duty cycles demanding 100 percent "on-time."

Explosive Atmosphere

Since hoists operate on compressed air, there is no electrical arcing hazard to cause explosions in such areas as paint spraying and petrochemical facilities. Further, for those hazardous atmosphere applications where resistance to friction sparks is vitally important, spark resistant models are available. This added spark resistant protection consists of bronze alloy hooks; stainless steel hook latches; non-magnetic, stainless steel load chain; modified load sprocket, guide and stripper arrangement; and stainless steel or anodized aluminum lower blocks. Since stainless steel load chain is of lower strength than standard, allow for reduced rating of capacities when ordering either Series 2200 or Series 6000 Spark Resistant Air Hoists.

Control

Normally, air hoists lift loads at a faster rate of speed than electric hoists. Additionally, air hoists have a variable speed control to lift a load from bare creep to a fast full speed. Conversely, electric hoists have fixed single or two speed control. Applications requiring variable speed lifting to precisely spot a load should employ an air hoist.

Secondly, in comparing air with electric hoists, it should be understood that electric hoists generally

start the lifting action with a "jerking" movement. Air control eliminates a load being lifted with an initial "jerk." For certain applications, this fact alone merits selecting an air hoist for your lifting requirements.

Third control consideration is whether to select pull cord or pendant throttle control. Pull cord is always lower priced than pendant throttle, yet provides good throttling capability. Pendant throttle offers convenient one-hand operations with adjacent "up" and "down" thumb levers, keeping the operator's other hand free to assist in spotting loads. Series 2200 Air Hoists are offered with either pull cord or pendant throttle control. Series 6000 Air Hoists are offered with only pendant throttle control. An added advantage of the Series 6000 Air Hoist is the built-in mechanical load brake which contributes to this hoist being one of the most accurate load spotting (lowering) hoists in the marketplace today.

Hoist Suspension

Hook type suspension permits hoist to be hung up almost anywhere and is used when hoist must be readily moved to other locations. Lug type saves headroom and is used with rigid mount trolleys or when hoist is permanently mounted in a fixed location.

Trolley Type

There are three standard trolley types that can be used to suspend BUDGIT® Air Hoists.

Push Trolley – Recommended for light capacities up to 2 tons and lifts below 20 feet. An economical method for moving loads.

Hand Geared Trolley – Offers most precise control for load spotting. Most favorable for higher capacities and short monorails where this control is desired. Also recommended where lifts are above 20 feet.

Motor Driven Trolley – Most widely used method of suspension, particularly 2-ton capacity and above. Virtually a necessity where long monorails are used.

Special Note

The installation of every air hoist must always include a filter and lubricator in the air line.

OSHA Compliance

The BUDGIT® Air Hoists and Trolleys are built in accordance with the specification herein, and at the time of manufacture comply with our interpretation of applicable sections of ANSI B30.16 "Overhead Hoists," and Occupational Safety and Health Act, 1970. OSHA places the burden of compliance for hoist installations on the user. The user must install the equipment in accordance with the federal, state, and local regulations which apply to the installation and application in your particular area. For new installations, always check with local government agencies to conform to local regulations.

BUDGIT® SERIES 2200 AIR HOISTS



Pull cord 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.



Pendant Throttle Control

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	36	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

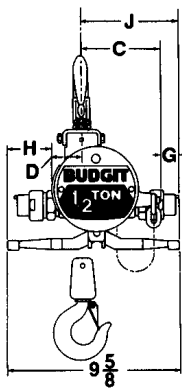
*Equipped with 6 foot pendant control.

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

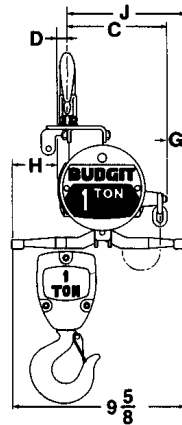
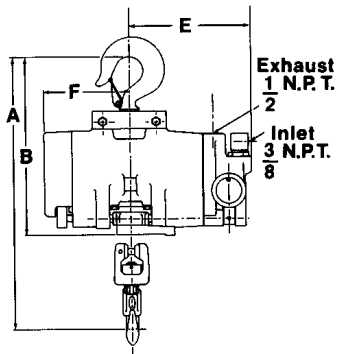
Hoist speeds are adjustable and can be reduced to 50% of full rated speed.

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

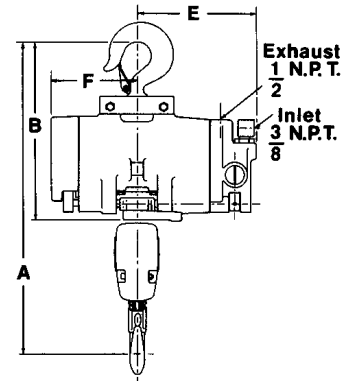
HOOK MOUNTED



1/4 and 1/2 Ton Standard
3/8 Ton Spark Resistant



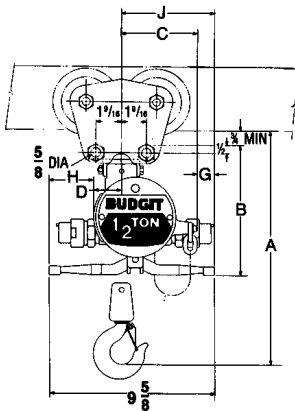
1 Ton Standard
3/4 Ton Spark Resistant



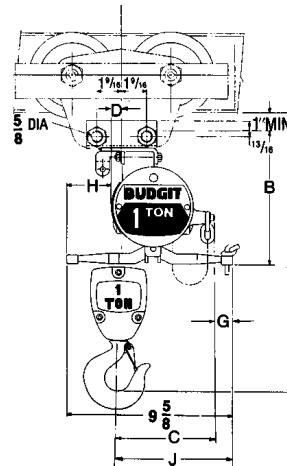
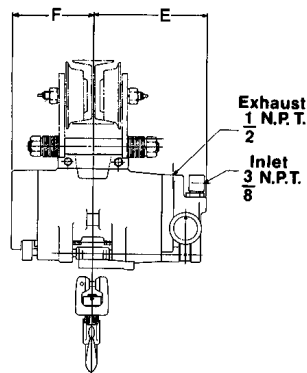
OUTLINE DIMENSIONS									
Catalog No.	A	B	C	D	E	F	G	H	J
2201, 2202, 2203, 2204 2211, 2212, 2215, 2216 2241, 2242	15 1/4	10 1/4	4 3/4	1 3/4	7 1/16	5 1/16	15/16	2 3/16	5 11/16
2205, 2206, 2219 2220, 2243, 2244	18	10 1/4	5 3/4	3/4	7 1/16	5 1/16	15/16	2 3/16	6 11/16

All dimensions are shown in inches.

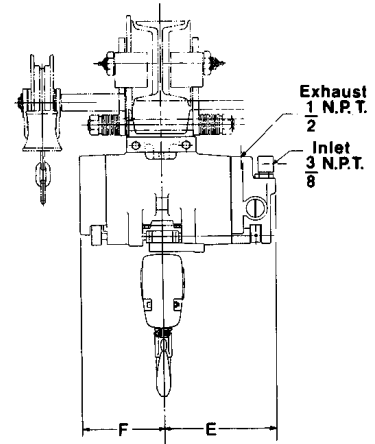
LUG MOUNTED



1/4 and 1/2 Ton Standard
3/8 Ton Spark Resistant



1 Ton Standard
3/4 Ton Spark Resistant



OUTLINE DIMENSIONS									
Catalog No.	A	B	C	D	E	F	G	H	J
2251, 2252, 2255 2256, 2281, 2282	13 7/8	8 1/8	4 3/4	1 3/4	7 1/16	5 1/16	15/16	2 3/16	5 11/16
2259, 2260 2283, 2284	17	8 1/4	5 3/4	3/4	7 1/16	5 1/16	15/16	2 3/16	6 11/16

All dimensions are shown in inches.

SPARK RESISTANT MODELS

Spark resistant models offer maximum protection in hazardous environments. Components for spark resistance include bronze alloy hooks, stainless steel hook latches, non-magnetic chrome-nickel stainless steel load chain, modified load sprocket, guide and stripper arrangement and lower blocks of stainless steel for the 3/8-ton single line model and anodized aluminum body on the 3/4-ton two part reeved model.

The spark resistant models have capacities derated. The stainless steel load chain is lower strength and not as hard as the standard alloy steel load chain, thereby requiring reduced capacity ratings on these models.

Warning: The equipment illustrated here is not designed or suitable as a power source for lifting or lowering persons. Exceeding rated capacity is dangerous and can result in injury to persons and damage property.

BUDGIT® SERIES 6000 AIR HOISTS

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.



Pendant throttle control air hoist (6000 series)

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

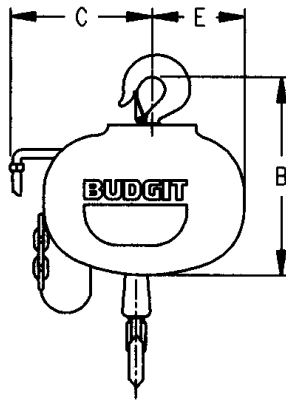
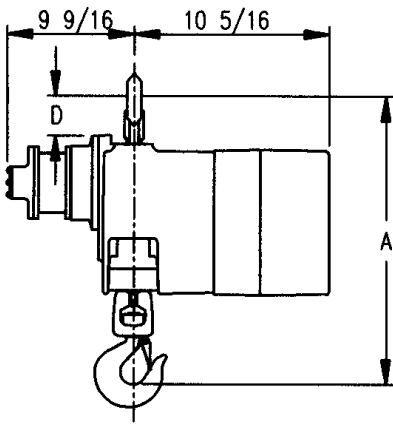
Capacity (tons)	Catalog Number	Net Weight	Parts of Load Chain	Full Load Hoist Speed in FPM	Full Load Lowering Speed in FPM
STANDARD MODELS					
1	911644 911641	93 95	1	13 30	18 42
2	911645 911642	110 112	2	6 15	9 21
3	911646 911643	144 146	3	4 10	6 14
SPARK RESISTANT MODELS					
1/2	911683	95	1	16	22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

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

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

HOOK SUSPENSION

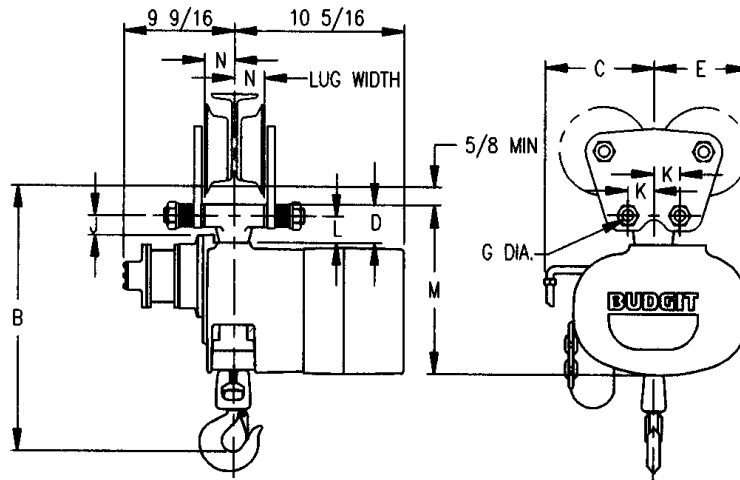


OUTLINE DIMENSIONS

Catalog Number	A	B	C	D	E
911644	16 9/16	11 1/16	6 3/4	2 11/16	6 3/16
911641	16 9/16				
911683	16 3/4	12 13/16	8 1/16	4 7/16	4 7/8
911645	22 1/4				
911642	22 1/4				
911684	22 7/8				
911646	24	14 3/8	5 13/16	5 5/8	7 1/8
911643	24				
911685	25 7/8				

All dimensions are shown in inches.

LUG SUSPENSION



OUTLINE DIMENSIONS

Catalog Number	B	C	D	E	J	K	L	M	N	G
911654	16 1/16	6 3/4	2	6 3/16	7/8	1 9/16	1 5/16	9 15/16	1 13/16	5/8
911651	16 1/16									
911693	16 1/4	8 1/16	2 13/16	4 7/8	1 1/2	2 1/2	1 15/16	10 11/16	2 3/16	1
911655	19 3/4									
911652	19 3/4									
911694	21 3/8									
911656	23 3/4	5 13/16	4 5/8	7 1/8	2 15/16	3	3 3/8	12 7/8	3	1 1/4
911653	23 3/4									
911695	25									

All dimensions are shown in inches.

SPARK RESISTANT MODELS

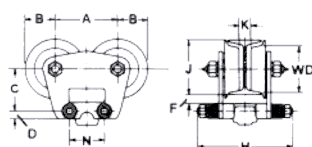
Spark resistant models offer maximum protection in hazardous environments. Components for spark resistance include bronze alloy hooks, stainless steel hook latches, non-magnetic chrome-nickel stainless steel load chain, modified load sprocket, guide and stripper arrangement and lower blocks of stainless steel for the 3/8-ton single line model and anodized aluminum body on the 3/4-ton two part reeved model.

The spark resistant models have capacities derated. The stainless steel load chain is lower strength and not as hard as the standard alloy steel load chain, thereby requiring reduced capacity ratings on these models.

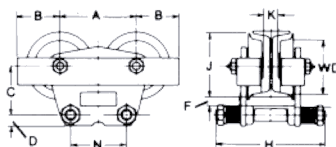
Warning: The equipment illustrated here is not designed or suitable as a power source for lifting or lowering persons. Exceeding rated capacity is dangerous and can result in injury to persons and damage property.

BUDGIT® PUSH TYPE & HAND GEARED TROLLEYS

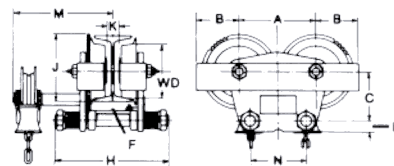
RIGID MOUNT TROLLEYS FOR LUG MOUNTED HOISTS



1/4, 1/2 and 1 Ton



2 and 3 Ton



1, 2 and 3 Ton

PUSH TYPE TROLLEYS

HAND GEARED TROLLEYS

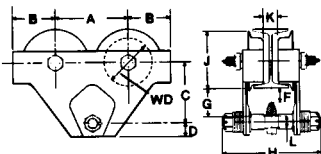
CATALOG NUMBERS AND SPECIFICATIONS

CATALOG NUMBERS AND SPECIFICATIONS							
Capacity (tons)	Push Trolley		Hand Geared Trolley*		Min. Beam Depth**	Adjustable For Flange Widths (ins.)	Min. Radius Curve Trolley Will Negotiate
	Catalog Number	Net Wt. (lbs.)	Catalog Number	Net Wt. (lbs.)			
STANDARD MODELS							
1/2	905401	15	—	—	4"	2 5/8 to 4 5/8	2'-6"
1	905402	23	905411	40	5"	3 to 5	3'-6"
	905405	24	905413	41	5"	5 1/4 to 7 3/8	
2	905403	43	905412	57	6"	3 3/8 to 6	4'-0"
	905406	44	905414	58	6"	6 1/4 to 8 7/8	
3	905404	50	905417	65	6"	3 3/8 to 6	4'-0"
	905407	52	905418	67	6"	6 1/8 to 8 7/8	
	905408	54	905419	69	6"	9 to 11	
SPARK RESISTANT MODELS							
3/8	905461	15	—	—	4	2 5/8 to 4 5/8	2'-6"
1/2, 3/4	905462	23	905471	40	5	3 to 5	3'-6"
1	905463	45	905472	57	6	3 3/8 to 6	4'-0"

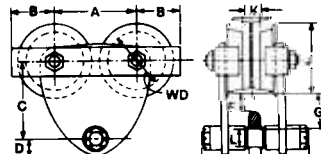
OUTLINE DIMENSIONS

Capacity (tons)	Catalog Number	A	B	C	D	WD	* Min. F	H	Max. J	Min. K	Max. M	N
1/2	905401	4 3/8	2 1/8	3 3/16	1 1/16	3 1/8	5/8	8 1/8	3 15/16	5/8	—	3 1/8
1	905402	—	—	—	—	—	—	8 7/8	4 7/8	1 1/4	—	—
	905405	6 1/8	2 11/16	3 27/32	1 1/16	4	5/8	8 7/8	5 1/2	3 1/2	9 3/4	3 1/8
	905411	—	—	—	—	—	—	8 7/8	5 1/2	3 1/2	11 1/16	—
2	905403	—	—	—	—	—	—	10 1/8	6	1 1/4	—	—
	905406	6 7/8	3 13/16	4 7/16	1	4 15/16	5/8	10 1/8	6 5/16	1 1/16	10 1/4	5
	905412	—	—	—	—	—	—	10 1/8	6 5/16	1 1/16	11 1/16	—
3	905404	—	—	—	—	—	—	12 3/4	6	1 1/4	—	—
	905407	6 7/8	4 3/8	5 3/4	1 3/8	4 15/16	1 1/4	15 3/4	6 5/16	1 1/4	18 5/16	6
	905408	—	—	—	—	—	—	17 7/8	6 5/16	1 1/4	19 13/16	—
	905417	—	—	—	—	—	—	12 3/4	6 5/16	1 1/4	18 5/16	—
	905418	—	—	—	—	—	—	15 3/4	6 5/16	1 1/4	19 13/16	—
	905419	—	—	—	—	—	—	17 7/8	6 5/16	1 1/4	21 1/16	—

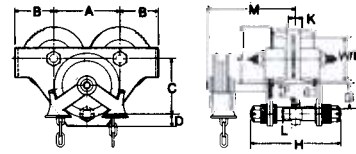
HOOK SUSPENSION TROLLEYS FOR HOOK MOUNTED HOISTS



1/4, 1/2, 1 and 2 Ton



3 Ton only



1, 2 and 3 Ton

PUSH TYPE TROLLEYS

HAND GEARED TROLLEYS

CATALOG NUMBERS AND SPECIFICATIONS

Capacity (tons)	Push Trolley		Hand Geared Trolley*		Min. Beam Depth**	Adjustable For Flange Widths (ins.)	Min. Radius Curve Trolley Will Negotiate
	Catalog Number	Net Wt. (lbs.)	Catalog Number	Net Wt. (lbs.)			
1/4	80	13	—	—	4"	2 5/8 to 4 5/8	2'-6"
	80SR	13	—	—	4"	2 5/8 to 4 5/8	
	80WFA	14	—	—	4"	5 to 7	
1/2	81	13	—	—	4"	2 5/8 to 4 5/8	2'-6"
	81SR	13	—	—	4"	2 5/8 to 4 5/8	
	81WFA	14	—	—	4"	5 to 7	
1	82	25	82G	45	5"	3 to 5	3'-0"
	82SR	25	82GSR	45	5"	3 to 5	
	82WFA	26	82GWFA	46	5"	5 to 7	
2	83	35	83G	48	6"	7 to 9	4'-0"
	83SR	35	83GSR	48	6"	3 3/8 to 6	
	83WFA	36	83GWFA	49	6"	6 to 8	
3	83WFB	37	83GWFB	50	6"	8 to 10	4'-0"
	905480	41	905490	65	6"	3 3/8 to 6	
	905481	43	905491	67	6"	6 1/8 to 8 7/8	
	905482	44	905492	68	6"	9 to 11	—

† For wider beam flanges, mount 1/2-ton capacity hoists on 1-ton capacity trolleys.

* Hand geared trolleys have standard hand chain drop of 9'-6". Longer chain available.

** When used on smallest I-beam size, beam must be free of all obstructions such as clips, suspension bolts and nuts. If beam is welded to cross trusses, spacers must be used between top of beam and truss to provide wheel flange clearance or track must be supported from ends only as wheel flanges may be above top of I-beam.

*** For use with lug suspended series 2200 spark resistant hoists only.

OUTLINE DIMENSIONS

Capacity (tons)	Catalog Number	A	B	C	D	WD	* Max. F	G	H	J	Min. K	L	Max. M
1/4	80	—	—	—	—	—	—	—	7 9/16	—	1 1/16	—	—
1/2	80SR	4 3/8	2 13/16	4 1/8	1	3 1/8	3/4	113/16	7 9/16	3 15/16	1 1/16	7/8	—
	80WFA	—	—	—	—	—	—	—	9 7/8	—	3 1/16	—	—
	81	—	—	—	—	—	—	—	7 9/16	—	1 1/16	—	—
1	81SR	4 3/8	2 13/16	4 1/8	1	3 1/8	3/4	113/16	7 9/16	3 15/16	1 1/16	7/8	—
	81WFA	—	—	—	—	—	—	—	9 7/8	—	3 1/16	—	—
	82	—	—	—	—	—	—	—	8 1/4	—	13/16	—	—
2	82SR	6 1/8	3 9/16	5 1/8	1 1/8	4	1 1/16	2 1/4	8 1/4	—	13/16	—	—
	82WFA	—	—	—	—	—	—	—	10 3/8	—	2 13/16	—	—
	82WFB	—	—	—	—	—	—	—	12 3/8	—	4 13/16	—	—
3	83	—	—	—	—	—	—	—	8 1/4	—	13/16	—	—
	83SR	6 7/8	3 13/16	5 3/4	1 5/8	4 15/16	1 1/16	2 3/16	10 3/4	—	2 13/16	—	—
	83WFA	—	—	—	—	—	—	—	12 3/4	—	4 13/16	—	—
4	83G	—	—	—	—	—	—	—	8 1/4	—	13/16	—	—
	83GSR	—	—	—	—	—	—	—	10 3/4	—	2 13/16	—	—
	83GWFA	6 7/8	3 13/16	5 3/4	1 5/8	4 15/16	1 1/16	2 3/16	12 3/4	—	4 13/16	—	—
5	83WFB	—	—	—	—	—	—	—	10 3/4	—	2 13/16	—	—
	905480	—	—	—	—	—	—	—	12	—	1 1/4	—	—
	905481	6 7/8	4 3/8	6	1 5/8	4 15/16	1 1/16	2 3/16	14 3/4	—	4 1/4	113/32	—
6	905482	—	—	—	—	—	—	—	17 5/8	—	7	—	—
	905490	—	—	—	—	—	—	—	12	—	1 1/4	—	—
	905491	6 7/8	4 3/8	6	1 5/8	4 15/16	1 1/16	2 3/16	14 3/4	6 5/16	4 1/4	113/32	18 5/16
7	905492	—	—	—	—	—	—	—	17 5/8	—	7	—	—
	—	—	—	—	—	—	—	—	17 5/8	—	7	—	—
	—	—	—	—	—	—	—	—	17 5/8	—	7	—	—

Clearance dimensions "F" and "G" are based on largest beam on which trolley will operate. Dimensions increase slightly for each smaller size beam.

This dimension (K) occurs on smallest size beam only. On larger sizes of beams it is increased by the difference in flange width.

All dimensions are shown in inches unless otherwise specified.

BUDGIT® AIR MOTOR DRIVEN TROLLEYS

Rated Loads: 1/4 to 1, 2 and 3 Tons

BUDGIT® Motor Driven Trolleys are designed to operate with BUDGIT® Air Chain Hoists...attaching directly to the hoist suspension lug forming an integral hoist/trolley combination. Hoists are purchased separately.

These BUDGIT® air motor-driven trolleys provide power traverse for the lug-suspended BUDGIT® Air Hoist to free the operator from pushing and pulling on the load. Pendant throttle control is offered for full throttling from bare creep to full traverse speed. By using a motor driven trolley with a hoist, speed and efficiency of load handling is greatly increased.

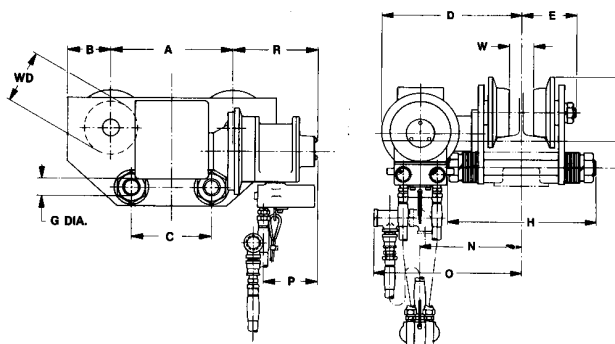
Features

- Steel frame sideplates extend beyond wheels for end stop contact. Sideplates have tapped holes suitable for bracket attachment.
- Wheels are forged heat-treated steel, with contoured tread for use on American Standard tapered or wide flange flat flange beams.
- Wheel bearings are sealed lifetime-lubricated precision ball bearings.
- Traverse gear reducer is rugged right angle drive reducer with output pinion meshing with machine cut wheel gears. The drive units are shipped with high-grade synthesized hydrocarbon oil for excellent gear protection and wide temperature range capabilities.
- Eight vane air motor provides high torque, smooth starting and excellent control.
- Pendant throttle control provides precise, controlled spotting and efficient load handling.
- Spark resistant models are available for those areas where protection is needed in a hazardous environment. They contain all the same features except for the introduction of a spark resistant bronze wheel.
- Air Consumption: 50 SCFM
- Air Pressure Recommended: 90 PSI



CATALOG NUMBERS AND SPECIFICATIONS				
Capacity (tons)	Hoist Catalog Number	Net Wt. (lbs)	Flange Width Adjustment (inches)	Traverse Speed (FPM)
STANDARD TROLLEYS				
1/4, 1/2 & 1	911706	95	3 - 5	50
2	911707	105	35/8 - 6	60
3	911708	150	4 - 6 1/4	60
SPARK RESISTANT TROLLEYS				
3/8, 1/2 & 3/4	911710	95	3 - 5	50
1	911711	105	35/8 - 6	60
2	911712	150	4 - 6 1/4	60

Equipped with 7 foot pendant control hose.
Always specify the hoist catalog number that will operate with the trolley.
Models for patented track with narrow flat tread steel wheels are available.
Models with Extended Beam Flange Adjustment are available.



OUTLINE DIMENSIONS																								
Catalog Number	A	B	C	Max. D	Max. E	Min. F	Dia. G	H	Max. J	Max. K	Max. L	Min. M	Max. N	O	P	R	Min. W	WD	Min. Radius	Min. Depth	Flange Adjustment			
																					Standard	1st Extension	2nd Extension	
911706 911710	7 5/8	3	3 1/8	11 9/16	4 1/2	1 7/16	5/8	8 7/8	5 1/8	4 11/16	3 11/16	6 1/16	8 5/16	11 7/8	4 1/8	7 3/8	1/2	4	3'-0"	6	3 - 5	5 1/8 - 7 1/4	7 1/2 - 9 1/8	
911707 911711	9 1/8	3	5	12 1/16	5	1 5/8	1	9 1/2	5 3/16	4 3/4	3 5/8	6	8 13/16	11 7/8	4 1/8	6 5/8	1 1/16	4	4'-0"	7	3 5/8 - 6	6 1/4 - 8 5/8	8 7/8 - 11 1/4	
911708 911712	9 1/8	3 1/4	6	12 1/2	5	1 7/8	1 1/4	12	5 5/8	4 7/8	3 1/2	5 7/8	9 1/4	11 7/8	4 1/8	6 5/8	1 3/8	4	4'-0"	8	4 - 6 1/4	6 3/8 - 8 5/8	8 3/4 - 11	

BUDGIT® AIR HOIST ACCESSORIES



FILTER-LUBRICATOR UNITS

Air hoists must have a supply of clean, lubricated air for their operation. A filter and lubricator must be installed in the air supply line, as close as practical to the hoist. The recommended operating air pressure for all capacities of BUDGIT® air hoists is 90 psig. When air line pressure exceeds 115 psig, it is required that a pressure regulator be provided in the supply line to maintain proper pressure.



FILTER-LUBRICATOR UNITS

Catalog Number	Inlet/Outlet Size in Inches	Bowl Size	Shipping Wt. in Lbs.
902960	3/8	11 oz.	8
902961	1/2	11 oz.	8
902962	3/4	24 oz.	12
902963	1	24 oz.	12

FILTER-REGULATOR-LUBRICATOR UNITS

Catalog Number	Inlet/Outlet Size in Inches	Bowl Size	Shipping Wt. in Lbs.
902966	3/8	11 oz.	14
902967	1/2	11 oz.	14
902968	3/4	24 oz.	18
902969	1	24 oz.	18



BULLARD HOOKS

All hoists are furnished as standard with hooks equipped with hook latches. Bullard Hooks with a rugged cast swing gate locking member that provides greater assurance of load containment are available at additional cost.



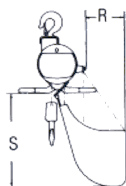
REDUNDANT SUPPORT

Hoist suspension redundant support for Series 2200 hoist is available for additional cost. This redundant support features a cable that inserts through the hoist frame and around initial support.



PENDANT THROTTLE CONVERSION KIT

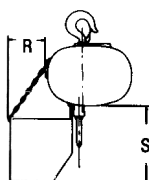
Kit for converting the pull cord Series 2200 BUDGIT® Air Hoist to pendant throttle operation has a standard 6-foot pendant hose assembly. Longer hose assemblies available. Order Catalog No. 2269. Shipping weight is 8 pounds.



CHAIN CONTAINERS

Chain containers provide an ideal means for eliminating hanging tail chains. They are easily installed and accept the chain in such a way that chains tend not to kink or twist. State codes are more frequently calling for use of chain container with each hoist.

CHAIN CONTAINER FOR SERIES 2200 AIR HOISTS						
Catalog Number	Chain Type	Maximum Lift in Feet		Shipping Wt. in Lbs.	Dimension	
		1/4, 3/8, 1/2, Ton	3/4, 1 Ton		R	S
902631	Link Chain	25	12	4 1/2	4 1/2	12
902635	Link Chain	45	22	9		17
902634	Link Chain	25	12	5		12
902636	Spark Resistant	45	22	10		7
902632	Roller Chain	15	—	6 1/2	9	17 1/2
902633	Roller Chain	30	15	11	12 1/2	22 1/4



CHAIN CONTAINER FOR SERIES 6000 AIR HOISTS

Catalog Number	Maximum Lift in Feet			Shipping Wt. in Lbs.	Dimension	
	1 Ton	2 Ton	3 Ton		R	S
905434	15	do not use	do not use	4	4 1/2	10
905435	30	15	10	8		15
905436	45	22	15	10		19
905437	60	30	20	14		23
905438	75	37	25	15		28
905439	90	45	30	16		33

SPARK RESISTANT

Catalog Number	Maximum Lift in Feet			Shipping Wt. in Lbs.	Dimension	
	1/2 Ton	1 Ton	2 Ton		R	S
905444	15	do not use	do not use	4	4 1/2	10
905445	30	15	10	8		15
905446	45	22	15	10		19
905447	60	30	20	14		23
905448	75	37	25	15		28
905449	90	45	30	16		33

AIR HOSE ASSEMBLY

Assembly Requires Catalog No. for both Hose and Fittings

AIR SUPPLY HOSE					
Catalog Number	ID (in.)	OD (in.)	Braid	Max. PSI	Width (ft.)
901610	1/2	15/16	1	200	0.33
901611	3/4	1 1/4	2	225	0.52
901612	1	1 1/2	3	200	0.65

FITTINGS*

Male Swivel at One End – Standard Male at Opposite End

Catalog Number	Hose ID (in.)	Thread Size M-NPT
901614	1/2	3/8
901615	3/4	3/4
901616	1	3/4

* Fittings installed on above hose.

FITTINGS WITH QUICK DISCONNECT*

Quick Disconnect on One End – Standard Male at Opposite End

Catalog Number	Hose ID (in.)	Thread Size M-NPT
901618	1/2	1/2
901619	3/4	1/2
901620	1	1/2

* Fittings installed on above hose.

** 3/4 NPT Quick Disconnect is without Check Valve.

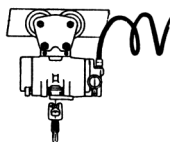


AIR HOSE TROLLEYS CATALOG NO. 254

(For use with Series 2200 and Series 6000 Air Hoists)

These trolleys are used to support air hose and are installed on the same track as a hoist. Hose clamp swivels and will fit 5/8 to 1 1/2 inch diameter hoses. Shipped from factory in cartons of six only.

RECOIL AIR HOSE WITH FITTING



For application where air hose trolleys with looped hose is impractical; coil type self-storing hose is recommended.

SELF STORING AIR HOSE WITH FITTINGS

Catalog Number	Hose Size (I.D. in.)	x Working Length Feet	Fittings Each End
901621	1/2"	x 15'	3/8 NPTF Male Swivel Fittings
901622	1/2"	x 25'	
901624	3/4"	x 15'	3/4 NPTF Male Swivel Fittings
901625	3/4"	x 25'	
901626	3/4"	x 50'	

NYLON COATED CABLE WITH EYEBOLT FITTINGS EACH END FOR SUPPORTING RECOIL AIR HOSE (Supports by Others)

Catalog Number	Length in Feet
901629	25'
901630	50'

AIR HOSE REELS



Whichever hose-use problem you may have – on the production line, in the shipping area or in maintenance – these automatic retracting reels can provide the solution. Easy-set mounting lugs and adjustable 4-roller guide allow variable mounting for ceiling, wall, bench or trucks. An instant-action ratchet lock engages when hose travel stops, disengages with a slight pull. Other features include the "Safe-to-Change" spring motor which is self-contained for safe handling and all-steel construction for maximum reliability. Hose and ball stop are included. Pivot Base is optional.

Hose Data			Reel Catalog Number	NPTF Fittings E* & F	Weight Complete Lbs.	340" Base (OPT)
Inch I.D.	Feet Hose	PSI Max				
3/8	25	200	913207	0.38 - 18	36	913083
3/8	35	200	913208	0.38 - 18	40	913083
3/8	50	200	913209	0.38 - 18	72	913098
1/2	25	200	913210	0.50 - 14	70	913098
1/2	35	200	913211	0.50 - 14	74	913098
1/2	50	200	913212	0.50 - 14	79	913098
3/4	20	300	913201	0.75 - 0.75	144	913206
3/4	30	300	913202	0.75 - 0.75	149	913206
1	20	300	913203	1.00 - 1.00	148	913206
1	30	300	913204	1.00 - 1.00	159	913206

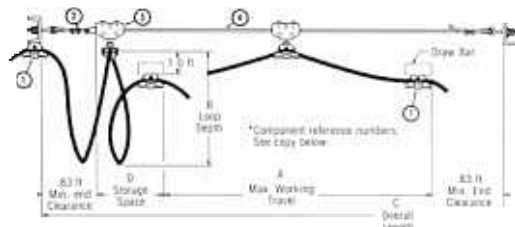
*E = 0.125 Female NPT x 0.375 deep

WIRE ROPE FESTOON SYSTEMS FOR AIR SUPPLY HOSE

Systems include (note numerical key in illustration at right): (1) 2 End Clamp Assemblies; (2) 1 Hardware Kit consisting of 2 eye-bolts, 5 clamps and 1 ball stop; (3) Intermediate Carriers—see specified quantity in last column of chart below; (4) Nylon Covered Wire Rope per required length.

HOSE SYSTEMS (from 0.91" to 1.25" O.D.)

Catalog System Number	A Working Travel (feet)	B Loop Depth (feet)	C Overall Length (feet)	Maximum Combined Cable Wt. (lbs./ft.)	D Storage Space (feet)	Clamp Distance (feet)	No. of Carriers (Item 3)
901601	16	3	18.5	1.31	0.84	6.87	2
	21	4	23.5	1.01	0.84	8.87	2
901602	28	3	31.1	1.31	1.40	6.87	4
	37	4	40.1	1.01	1.40	8.87	4
901603	40	3	43.6	1.31	1.97	6.87	6
	52	4	55.6	1.01	1.97	8.87	6



NOTE: Festooning Hose and Connectors are not included in System.



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