

834SF Hoist



Shown is the 834SF heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" pivot pins which are bolted in place with grade 8 bolts.



This hoist is easily installed to the trucks chassis using extra heavy duty 4140 grade cast mounting brackets. With 18 grade 8 bolts and minimal welding, installation is quick and easy.



The 834SF's hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are bolted then welded to the bodies longitudinals.

This Subframe is built with A572 grade 50 high tensile steel & 4140 grade weldable castings

Application Specifications

The 834SF hoist is designed for trucks with 108" to 120" CT. This hoist is perfect for 13' to 15' bodies and has a dumping angle of 50 degrees. For the most durable combination, 7" body longitudinals are recommended. All Champion manufactured hoist are Powder Coated Tough™ and are rigorously inspected by quality control to ensure top quality. The 834SF hoist is equipped with one 8" cylinder with a 34" stroke and 2000 psi. 2 3/4" chrome shaft.

Equivalent to class 80

Available Components



The C102D direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 4-bolt flange and is used for heavy duty hoists. 25 GPM @ 1200 RPM



The 30 gallon frame mounted reservoir is used with larger hoist applications for its large capacity. It features an outside level / temperature indicator and an intank filtration system that can only be found in a Champion built reservoir. The unit mounts easily to the outside of the truck chassis.

Champion Hoist and Equipment™
200 Champion Drive
Dunn, NC 28334
(910) 897-4995 Fax (910) 897-7306

**POWDER
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834SF Hoist (Super Single)



Experience that Matters

Dedicated to perfection and continuing to lead the industry, Champion Hoist and EquipmentTM has a low tolerance for defects and a strong desire for quality craftsmanship to ensure customer satisfaction. With over 35 years of excellence, Champion built hoists are well developed and industry proven. To ensure a long lasting durable product, all Champion equipment is shot blasted and powder coated black. We are a proud member of the National Truck Equipment Association.

Champion built cylinders and hoists are designed to be double acting (power up and down). Our hoists are easy to install with as little truck and body modification as possible. To further ease the installation process, Champion hoist mount to the body and truck chassis using heavy duty grade 8 bolts with little or no welding needed.

With over 30 hoists offered, Champion Hoist and EquipmentTM is sure to have what you need.

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816SF Hoist



This hoist is easily installed on the trucks chassis using extra heavy duty 4140 grade cast mounting brackets, with 12 grade 8 bolts and minimal welding. Installation is quick and easy.



Shown is the 816SF's heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" pivot-pins. The arms have easily accessible zerck grease fittings.



The 816SF's hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are welded directly to the body's main runners.


This Subframe is built with A572 grade 50 high tensile steel & 4140 grade weldable castings

Application Specifications


This hoist is perfect for 9' to 10' bodies and has a dumping angle of 50 degrees. The 816SF hoist is designed for trucks with 72"- 84" CA. For the most durable combination, 6" body longitudinals are recommended. These hoist are equipped with one 8" cylinder with a 16" stroke and 2 1/2" chrome shaft. All Champion manufactured hoist are Powder Coated Tough™ and are rigorously inspected by quality control to ensure top quality

816SF is NTEA rated to class 50


Available Components




The G102D pump/valve combination direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM



The P22 direct gear pump is bi-rotational with side and rear ports for versatility, thus eliminating the drive line for added safety and dependability. This pump has an S.A.E. "B" 2-bolt flang. 15 GPM @1200 RPM



The 8.5 gallon box type reservoir is designed to be frame mounted. It hangs out of the way and is equipped with a brass wire mesh suction strainer, oil level & temperature gauge.



The SP4 valve with cable and lever control is used in conjunction with the P22 pump. This valve is easy to install and makes the hydraulic system double acting.

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816SF Hoists



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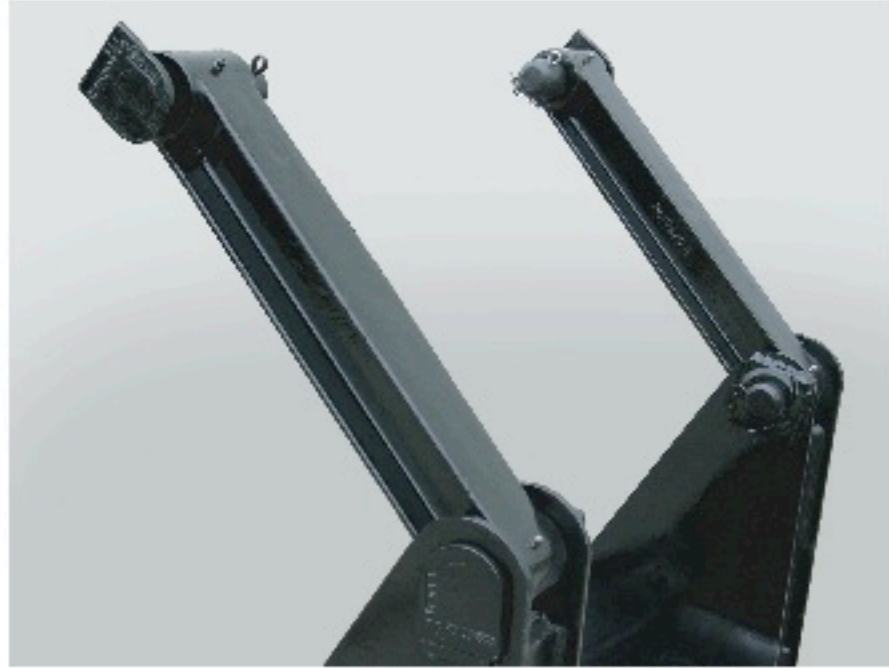


Champion built cylinders and hoists are designed to be double acting (power up and down). Our hoists are easy to install with as little truck and body modification as possible. To further ease the installation process, Champion hoists mount to the body and truck chassis using heavy duty grade 8 bolts with little or no welding needed.

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820SF Hoist



Shown is the 820SF heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" hinge pivot. The arms have easily accessible zerk grease fittings.



This hoist is easily installed on the trucks chassis using extra heavy duty 4140 grade cast mounting brackets, With 12 grade 8 bolts and minimal welding. Installation is quick and easy.



The 820SF's hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are welded directly to the body's longitudinals.

This Subframe is built with A572 grade 50 high tensile steel & 4140 grade weldable castings

Application Specifications

The 820SF hoist is designed for trucks with 84" CA. This hoist is perfect for 10' bodies and has a dumping angle of 50 degrees. For the most durable combination, 6" body longitudinals are recommended. All Champion manufactured hoist are Powder Coated Tough™ and are rigorously inspected by quality control to ensure top quality. The 820SF hoist is equipped with one 8" cylinder with a 20" stroke and 2000 psi. 2 1/2" chrome shaft.

820SF is NTEA rated class 60

Available Components



The G102D pump/valve combination direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM



The P22 direct gear pump is bi-rotational with side and rear ports for versatility, thus eliminating the drive line for added safety and dependability. This pump has an S.A.E. "B" 2-bolt flang. 15 GPM @1200 RPM



The SP4 valve with cable and lever control is used in conjunction with the P22 pump. This valve is easy to install and makes the hydraulic system double acting.



The 8.5 gallon box type reservoir is designed to be frame mounted intank. It hangs out of the way and is equipped with a brass wire mesh suction strainer, oil level & temperature gauge.

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820SF Hoist



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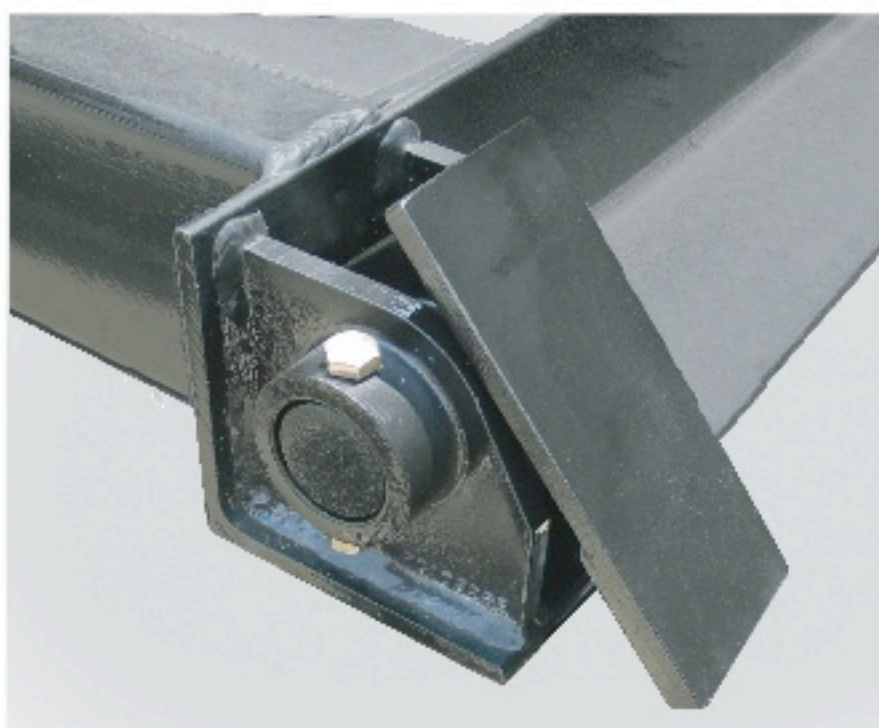
826SF Hoist



Shown is the 826SF heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" pivot pins which are bolted in place with grade 8 bolts.



This hoist is easily installed to the trucks chassis using extra heavy duty 4140 grade cast mounting brackets. With 14 grade 8 bolts and minimal welding, installation is quick and easy.



The 826Sf's hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are bolted then welded to the bodies longitudinal

This Subframe is built with A572 grade 50 high tensile steel & 4140 grade weldable castings

Application Specifications

The 826SF hoist is designed for trucks with 84" to 102" CA. This hoist is perfect for 10' to 12' bodies and has a dumping angle of 50 degrees. For the most durable combination, 7" body longitudinals are recommended. All Champion manufactured hoist are Powder Coated Tough™ and are rigorously inspected by quality control to ensure top quality. The 826SF hoist is equipped with one 8" cylinder with a 26" stroke and 2000 psi. 2 3/4" chrome shaft.

The 826SF Hoist is equivalent to 60

Available Components



The G102D pump/valve combination direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM



The P22 direct gear pump is bi-rotational with side and rear ports for versatility, thus eliminating the drive line for added safety and dependability. This pump has an S.A.E. "B" 2-bolt flang. 15 GPM @1200 RPM



The SP4 valve with cable and lever control is used in conjunction with the P22 pump. This valve is easy to install and makes the hydraulic system double acting.



The 8.5 gallon box type reservoir is designed to be frame mounted inboard. It hangs out of the way and is equipped with a brass wire mesh suction strainer, oil level & temperature gauge.

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826SF Hoist

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This hoist is designed for municipal applications with central hydraulic systems.

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7726SF/8826SF Hoist



Shown is the heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" pivot pins which are bolted in place with grade 8 bolts.

This Subframe is built with A572 grade 50 high tensile steel & 4140 grade weldable castings

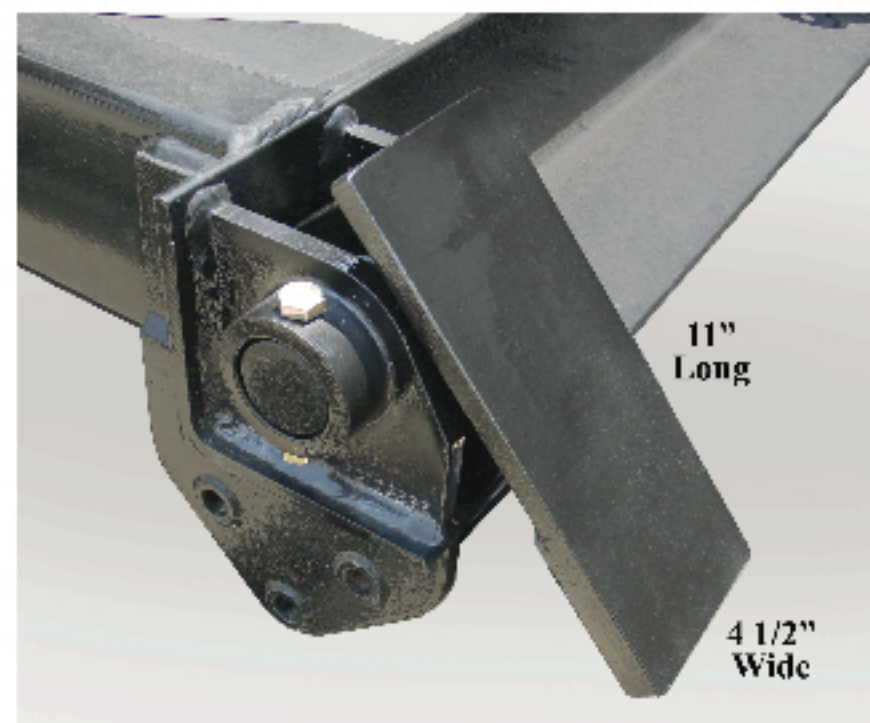
Application Specifications

This hoist is perfect for 11' to 14' bodies and has a dumping angle of 50 degrees. For the most durable combination, 6" body longitudinals are recommended. These hoists are equipped with one 7" / 8" cylinder with a 26" stroke and 2000 psi. 2 1/2" / 2 3/4" chrome shaft. All Champion manufactured hoist are Powder Coated Tough™ and are rigorously inspected by quality control to ensure top quality



This hoist is easily installed to the trucks chassis using extra heavy duty 4140 grade cast mounting brackets. With 18 grade 8 bolts and minimal welding, installation is quick and easy.

7726SF is equivalent to class 70
8826SF is equivalent to class 80



The hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are welded to the body's box-type long sills.

Available Components



The C102D direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 4-bolt flange and is used for heavy duty hoists. 25 GPM @ 1200 RPM



The 30 gallon frame mounted reservoir is used with larger hoist applications for its large capacity. It features an outside level / temperature indicator and an intank filtration system that can only be found in a Champion built reservoir. The unit mounts easily to the outside of the truck chassis.

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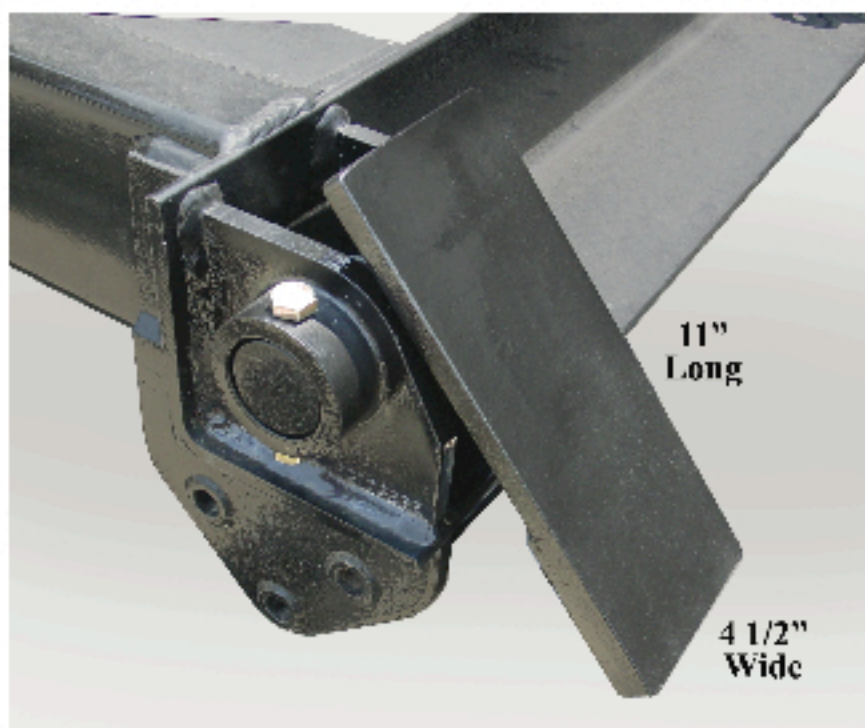
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This Subframe is built with A572 grade 50 high tensile steel & 4140 grade weldable castings

Application Specifications

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7734SF / 8834SF Hoists



Shown is the heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" pivot pins which are bolted in place with grade 8 bolts.

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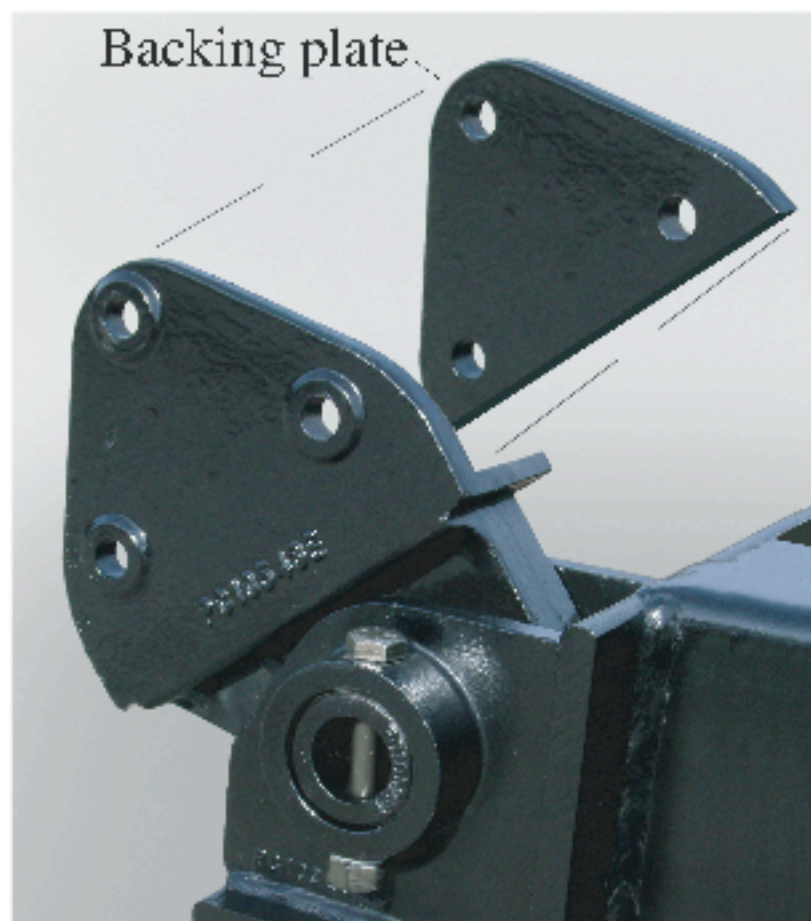
Application Specifications

This hoist is perfect for 14' to 16' bodies and has a dumping angle of 50 degrees. For the most durable combination, 7" body longitudinals are recommended. These hoists are equipped with two 7" / 8" cylinders with a 34" stroke and 2000 psi. 2 1/2" / 2 3/4" chrome shaft. All Champion manufactured hoists are powder coated primed and are rigorously inspected by quality control to ensure top quality

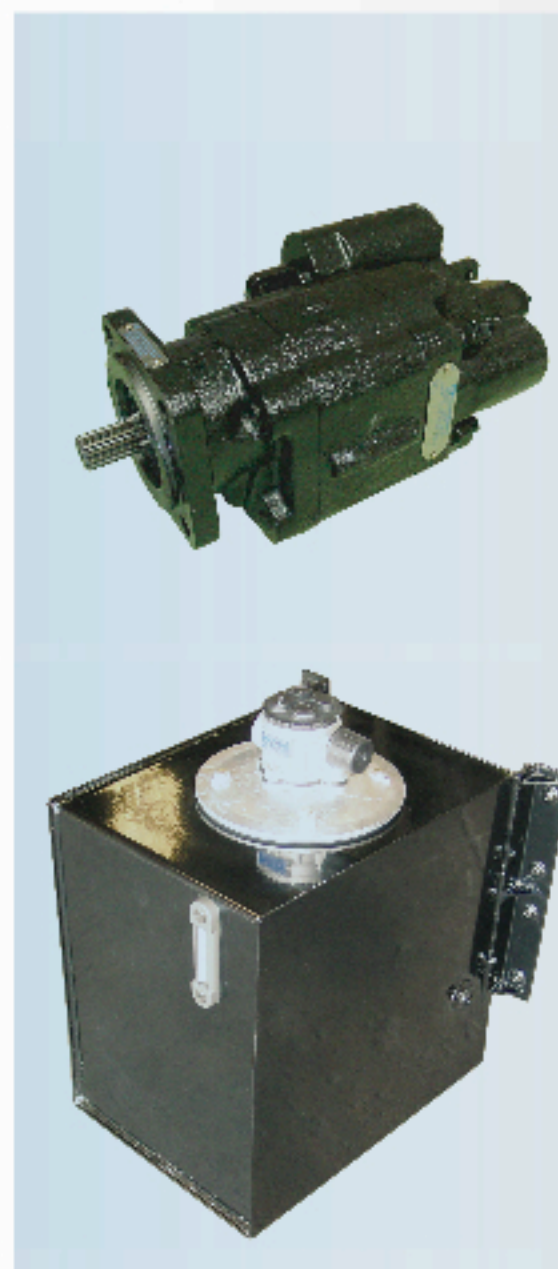


This hoist is easily installed to the trucks chassis using extra heavy duty 4140 grade cast mounting brackets. With 20 grade 8 bolts and minimal welding, installation is quick and easy.

7734SF is equivalent to class 110
8834SF is equivalent to class 120



The hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are bolted and welded to the body's box-type long sills.



Available Components

The C102D direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 4-bolt flange and is used for heavy duty hoists. 25 GPM @ 1200 RPM

The 30 gallon frame mounted reservoir is used with larger hoist applications for its large capacity. It features an outside level / temperature indicator and an intank filtration system that can only be found in a Champion built reservoir. The unit mounts easily to the outside of the truck chassis.

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7734SF / 8834SF Hoists



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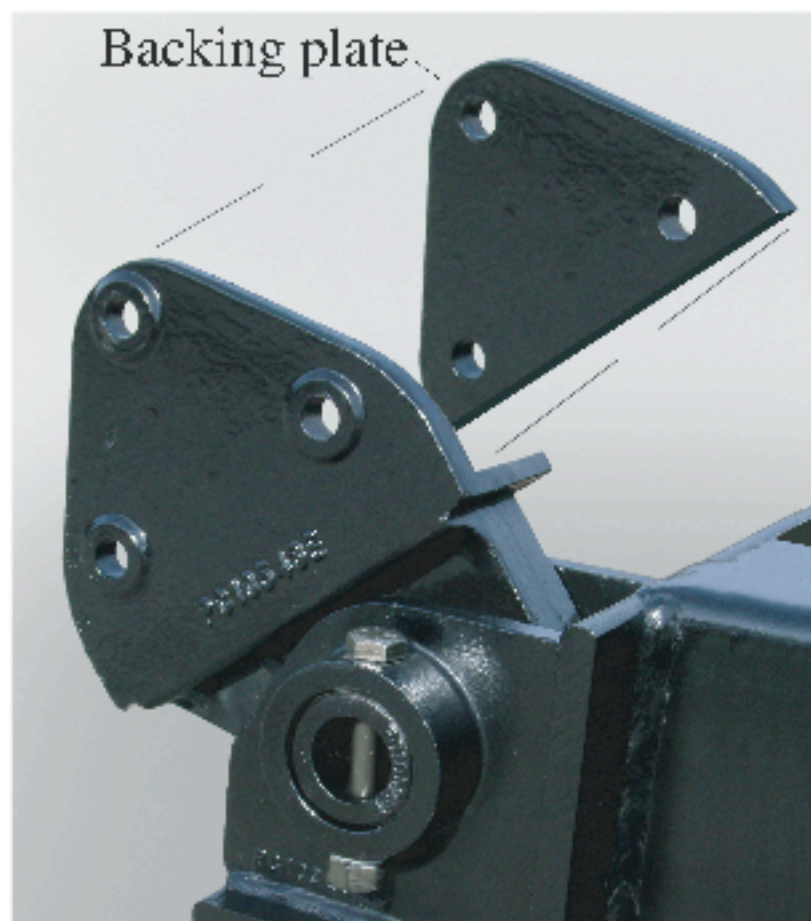
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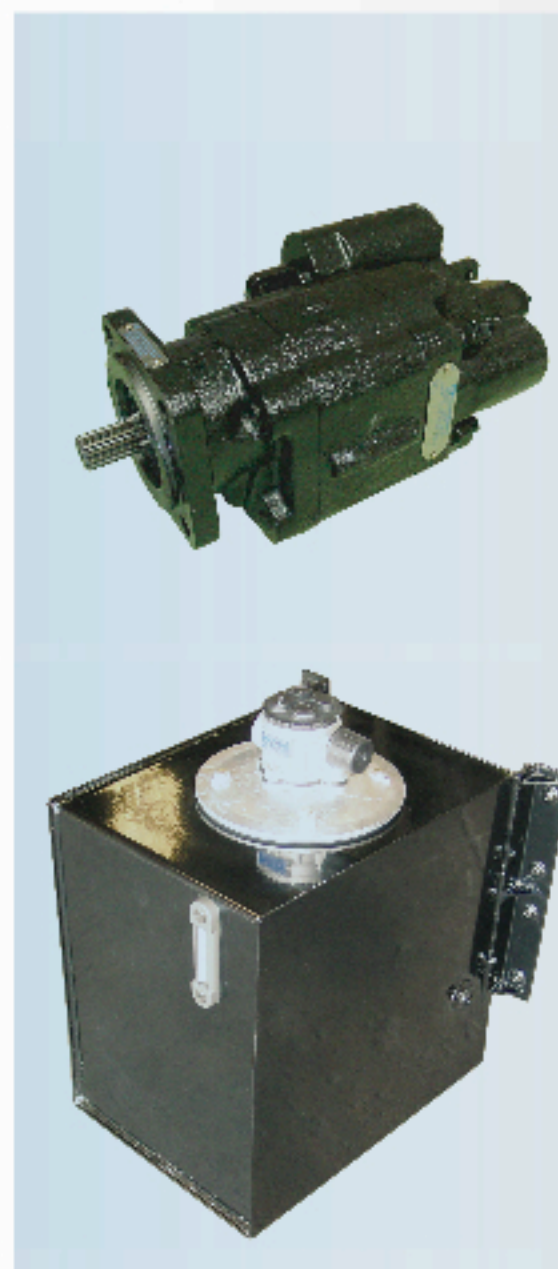


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Available Components

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U720D Hoist



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U720D Hoist



This hoist is easily installed on the trucks chassis using extra heavy duty 4140 grade cast mounting brackets, with 12 grade 8 bolts and minimal welding. Installation is quick and easy.



Shown is the U720Ds heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" pivot pivot. The arms have easily accessible zerker grease fittings.



The U720Ds hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are welded directly to the body's longitudinals


This Subframe is built with A572 grade 50 high tensile steel & 4140 grade weldable castings

Application Specifications


This hoist is perfect for 8' to 10' bodies and has a dumping angle of 50 degrees. The U720D hoists are designed for trucks with 60"- 84" CA. For the most durable combination, 6" body longitudinals are recommended. These hoist are equipped with one 7" cylinder with a 16" stroke and 2 1/2" chrome shaft. All Champion manufactured hoist are Powder Coated Tough™ and are rigorously inspected by quality control to ensure top quality

U720D equivalent to class 40


Available Components




The G102D pump/valve combination direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM



The P22 direct gear pump is bi-rotational with side and rear ports for versatility, thus eliminating the drive line for added safety and dependability. This pump has an S.A.E. "B" 2-bolt flang. 15 GPM @1200 RPM



The 8.5 gallon box type reservoir is designed to be frame mounted inframe. It hangs out of the way and is equipped with a brass wire mesh suction strainer, oil level & temperature gauge.



The SP4 valve with cable and lever control is used in conjunction with the P22 pump. This valve is easy to install and makes the hydraulic system double acting.

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U720D, U720D DA

Application Specifications

Recommended Longitudinals
Recommended Crossmembers

6" Channel
4" Channel

Hoist:

NTEA Class	40
Max. Lifting Capacity*	28,600 lbs.
Subframe	1/4" Steel Channel
Pivot Hinge	Heavy Duty Cast Steel
Mounting Height	15"
Standard Pivot	12"
Standard Dump Angle	50 degrees
Weight**	785 lbs.
Oil Reservoir Capacity	8.5 gallons

Cylinder:

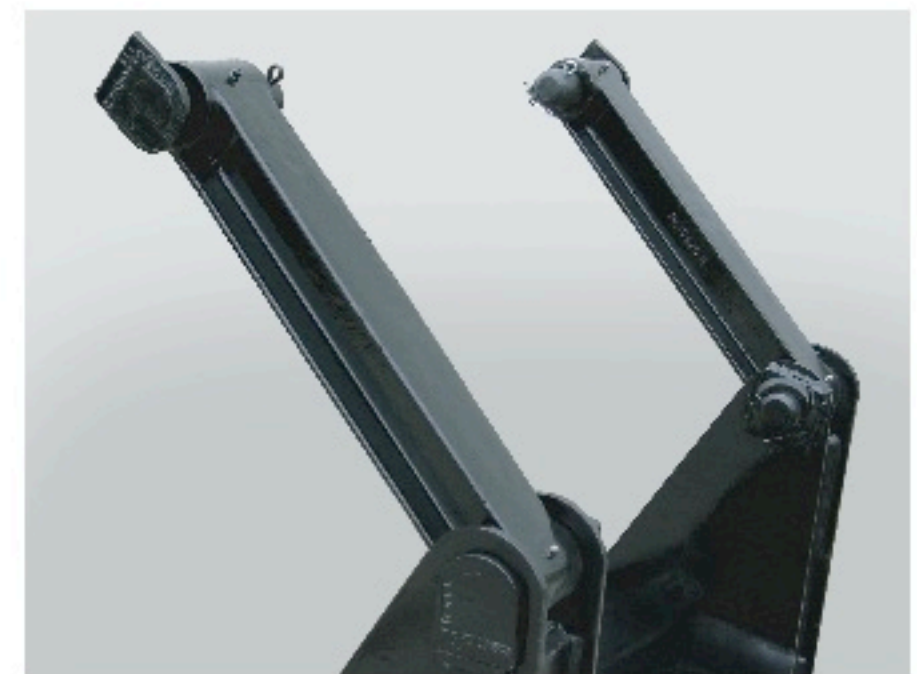
Bore	7.00"
Stroke	16"
Displacement	616 cu. in.
Piston Rod Diameter	2.5"

*Governed by body length and pivot.

**Includes all mounting equipment



This hoist is easily installed on the trucks chassis using extra heavy duty 4140 grade cast mounting brackets, with 12 grade 8 bolts and minimal welding. Installation is quick and easy.



Shown is the heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" hinge pins. The arms have easily accessible zerck grease fittings.

Available Components



The G102D pump/valve combination direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM Available with "ccw" or "cc" rotation



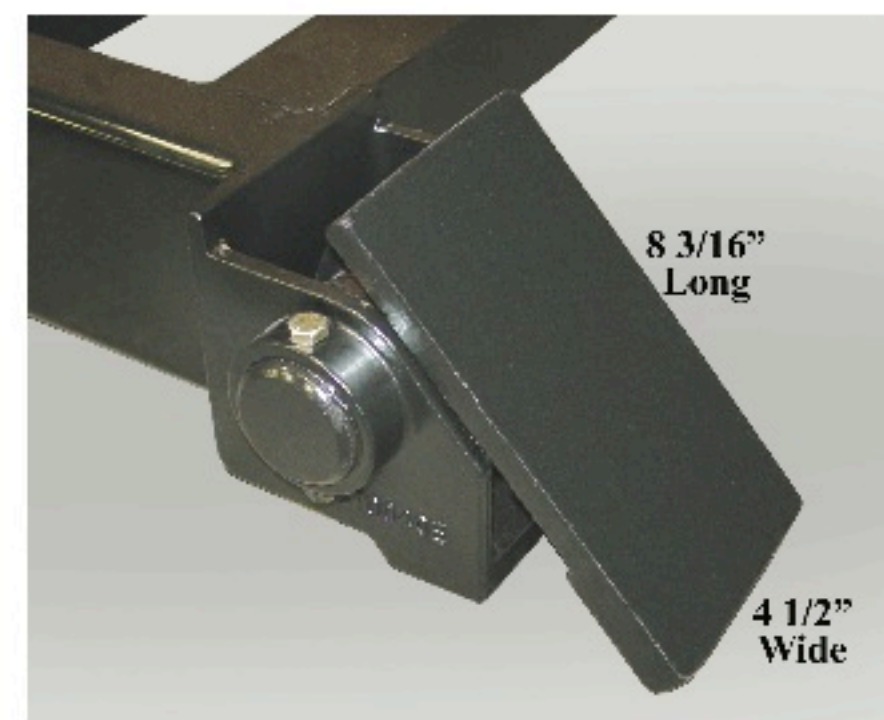
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The 8.5 gallon box type reservoir is designed to be frame mounted. It hangs out of the way and is equipped with a brass wire mesh suction strainer, oil level & temperature gauge.



The SP4 valve with cable and lever control is used in conjunction with the P22 pump. This valve is easy to install and makes the hydraulic system double acting.



The hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are welded directly to the body's main runners.

Galion®

Underbody Hoist

*A continued tradition
since the early 1900's*



**POWDER
COATED
PRIMER**

U720D, U720D DA

This hoist is great for fast lifting of heavy loads. The short stroke plus unique subframe provides smooth and fast lifting at all times. Dual heavy duty cast steel lift arms multiply power for easy dumping. The hinges are cast from extra heavy duty grade steel and use a solid steel hinge pin. This is a contractor type hoist for bodies 8, 9 and 10 feet in length with 60, 72 and 84 inch cab-to-axle chassis.



This Subframe
is built with A572
grade 50 high
tensile steel &
4140 grade
weldable
castings

- One body prop
- Dual cast steel lift arms
- Heavy duty steel torque arm
- Fast, easy installation
- Heavy steel channel subframe
- Low maintenance
- Durable, practical

Payload range is governed by hinge location, load location, slide angle required to dump material, and includes average body weight.

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affiliated companies
on the world wide web.
www.galiongodwin.com

U740D, U750D

Application Specifications

Recommended Longitudinals	U740D 5" 6.7 lb. Channel	U750D 5" 6.7 lb. Channel
Recommended Crossmembers	4" 4.5 Channel	4" 4.5 lb. Channel

Hoist:

NTEA Class	40	50
Max. Lifting Capacity*	34,600 lbs.	34,600 lbs.
Subframe	1/4" Steel Channel	1/4" Steel Channel
Pivot Shaft	2"	2"
Mounting Height	14-1/2"	14-1/2"
Standard Pivot	12"	12"
Standard Dump Angle	50 Degrees	50 Degrees
Weight**	796 lbs.	796 lbs.
Oil Reservoir Capacity	8.5 Gallons	8.5 Gallons

Cylinder:

Bore	8.00"	8.00"
Stroke	20"	20"
Displacement	770 cu. in.	770 cu. in.
Piston Rod Diameter	2.5"	2.5"
Operating Pressure	1800 PSI.	2300 PSI.

*Governed by body length and pivot.

**Includes all mounting equipment

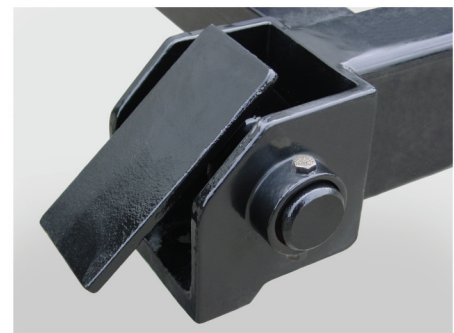
Both hoists available
Double Acting



Shown is the heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" hinge pins. The arms have easily accessible zerker grease fittings.



This hoist is easily installed on the trucks chassis using extra heavy duty 4140 grade cast mounting brackets, with 12 grade 8 bolts and minimal welding. Installation is quick and easy.



The hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are welded directly to the body's main runners.

Available Components



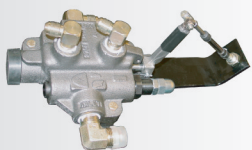
The G102D pump/valve combination direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM Available with "ccw" or "cc" rotation



The P22 direct gear pump is bi-rotational with side and rear ports for versatility, thus eliminating the drive line for added safety and dependability. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM



The 8.5 gallon box type reservoir is designed to be frame mounted. It hangs out of the way and is equipped with a brass wire mesh suction strainer, oil level & temperature gauge.



The SP4 valve with cable and lever control is used in conjunction with the P22 pump. This valve is easy to install and makes the hydraulic system double acting.

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7415 Peabody-Kent Rd. Winesburg OH. P.O. Box 208
(877) 450- 4794 Fax (330) 359-5660

U740D, U750D

Application Specifications

Recommended Longitudinals	U740D 5" 6.7 lb. Channel	U750D 5" 6.7 lb. Channel
Recommended Crossmembers	4" 4.5 Channel	4" 4.5 lb. Channel

Hoist:

NTEA Class	40	50
Max. Lifting Capacity*	34,600 lbs.	34,600 lbs.
Subframe	1/4" Steel Channel	1/4" Steel Channel
Pivot Shaft	2"	2"
Mounting Height	14-1/2"	14-1/2"
Standard Pivot	12"	12"
Standard Dump Angle	50 Degrees	50 Degrees
Weight**	796 lbs.	796 lbs.
Oil Reservoir Capacity	8.5 Gallons	8.5 Gallons

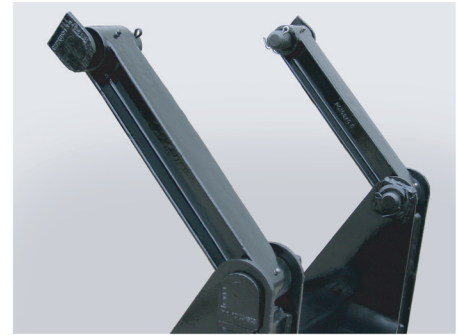
Cylinder:

Bore	8.00"	8.00"
Stroke	20"	20"
Displacement	770 cu. in.	770 cu. in.
Piston Rod Diameter	2.5"	2.5"
Operating Pressure	1800 PSI.	2300 PSI.

*Governed by body length and pivot.

**Includes all mounting equipment

Both hoists available
Double Acting



Shown is the heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" hinge pins. The arms have easily accessible zerker grease fittings.



This hoist is easily installed on the trucks chassis using extra heavy duty 4140 grade cast mounting brackets, with 12 grade 8 bolts and minimal welding. Installation is quick and easy.

Available Components



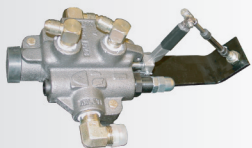
The G102D pump/valve combination direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM Available with "ccw" or "cc" rotation



The P22 direct gear pump is bi-rotational with side and rear ports for versatility, thus eliminating the drive line for added safety and dependability. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM



The 8.5 gallon box type reservoir is designed to be frame mounted. It hangs out of the way and is equipped with a brass wire mesh suction strainer, oil level & temperature gauge.



The SP4 valve with cable and lever control is used in conjunction with the P22 pump. This valve is easy to install and makes the hydraulic system double acting.



The hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are welded directly to the body's main runners.

Galion®

Underbody Hoist

*A continued tradition
since the early 1900's*



U740D / U750D

Galion unique subframe provides integral strength at all times. The frame is constructed as an integral unit, designed to give increased strength with a minimum of weight. Heavy weldment cast steel I beam lift links, heavy duty cast steel hinges, Heavy forged crosshead construction and high strength center section with high carbon steel end pins along with a heavy steel channel subframe makes this a rugged municipal hoist built for years of service with minimum maintenance. For 9' and 10' bodies with 72 and 84 CA.



This Subframe
is built with A572
grade 50 high
tensile steel &
4140 grade
weldable
castings

- One body prop
- Dual cast steel I-beam lift arms
- Heavy duty forged I-beam torque arm
- Fast, easy installation
- Heavy steel channel subframe
- Low maintenance
- Durable, practical

**POWDER
COATED
PRIMER**



Payload range is governed by hinge location, load location, slide angle required to dump material, and includes average body weight.

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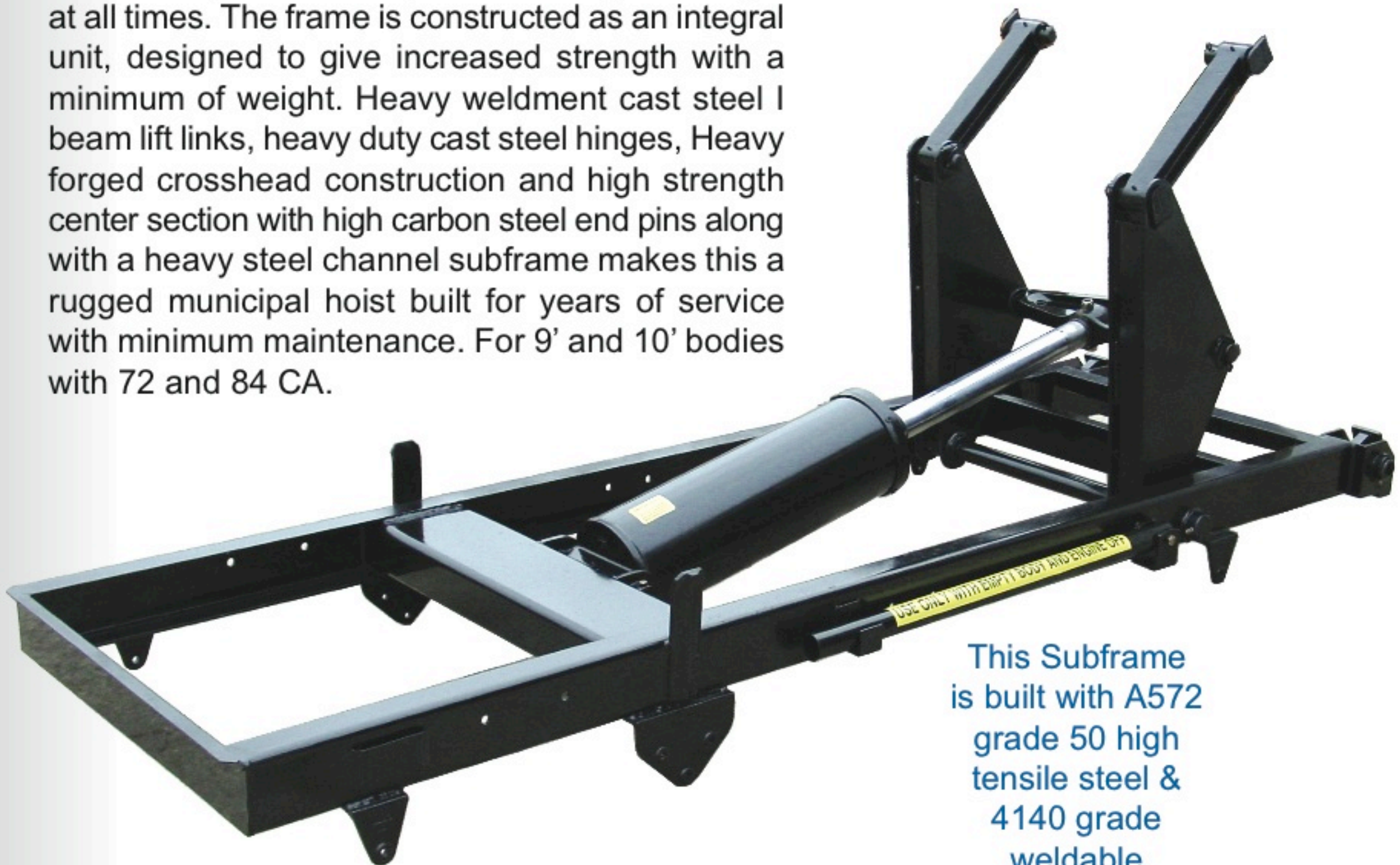
Underbody Hoist

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**POWDER
COATED
PRIMER**



Payload range is governed by hinge location, load location, slide angle required to dump material, and includes average body weight.

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Underbody Hoist

U850D, U860D

Application Specifications

	U850D	U860D
Recommended Longitudinals	6" 8.2 lb. Channel	6" 8.2 lb. Channel
Recommended Crossmembers	4" 4.5 Channel	4" 4.5 lb. Channel
Hoist:		
NTEA Class	50	60
Max. Lifting Capacity*	39,000 lbs.	52,000 lbs.
Subframe	1/4" Steel Channel	1/4" Steel Channel
Pivot Shaft	2"	2"
Mounting Height	15"	15"
Standard Pivot	12"	12"
Standard Dump Angle	50 Degrees	50 Degrees
Weight**	796 lbs.	796 lbs.
Oil Reservoir Capacity	8.5 Gallons	8.5 Gallons
Cylinder:		
Bore	8.00"	8.00"
Stroke	20"	20"
Displacement	1050 cu. in.	1050 cu. in.
Piston Rod Diameter	2.5"	2.5"
Operating Pressure	1800 PSI.	2300 PSI.

*Governed by body length and pivot.

**Includes all mounting equipment

Both hoists available
Double Acting



Shown is the heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" hinge pins. The arms have easily accessible zerker grease fittings.



This hoist is easily installed on the trucks chassis using extra heavy duty 4140 grade cast mounting brackets, with 12 grade 8 bolts and minimal welding. Installation is quick and easy.

Available Components



The G102D pump/valve combination direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM Available with "ccw" or "cc" rotation



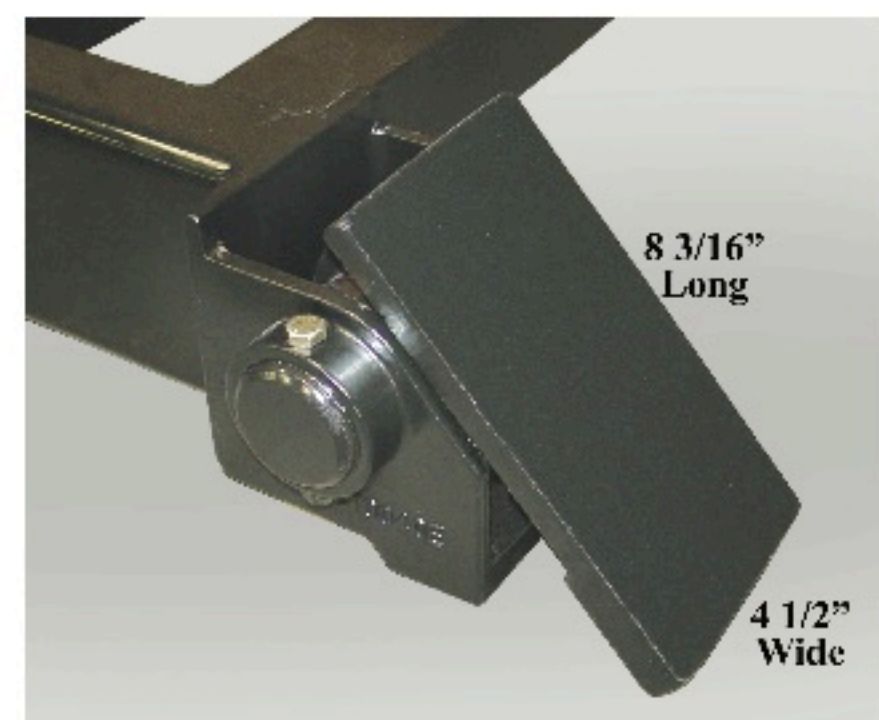
The P22 direct gear pump is bi-rotational with side and rear ports for versatility, thus eliminating the drive line for added safety and dependability. This pump has an S.A.E. "B" 2-bolt flang. 15 GPM @1200 RPM



The 8.5 gallon box type reservoir is designed to be frame mounted. It hangs out of the way and is equipped with a brass wire mesh suction strainer, oil level & temperature gauge.



The SP4 valve with cable and lever control is used in conjunction with the P22 pump. This valve is easy to install and makes the hydraulic system double acting.



The hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are welded directly to the body's main runners.

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Galion-Godwin Truck Body Co. LLC.
7415 Peabody-Kent Rd. Winesburg OH. P.O. Box 208
(877) 450-4794 Fax (330) 359-5660

U850D, U860D

Application Specifications

	U850D	U860D
Recommended Longitudinals	6" 8.2 lb. Channel	6" 8.2 lb. Channel
Recommended Crossmembers	4" 4.5 Channel	4" 4.5 lb. Channel
Hoist:		
NTEA Class	50	60
Max. Lifting Capacity*	39,000 lbs.	52,000 lbs.
Subframe	1/4" Steel Channel	1/4" Steel Channel
Pivot Shaft	2"	2"
Mounting Height	15"	15"
Standard Pivot	12"	12"
Standard Dump Angle	50 Degrees	50 Degrees
Weight**	796 lbs.	796 lbs.
Oil Reservoir Capacity	8.5 Gallons	8.5 Gallons
Cylinder:		
Bore	8.00"	8.00"
Stroke	20"	20"
Displacement	1050 cu. in.	1050 cu. in.
Piston Rod Diameter	2.5"	2.5"
Operating Pressure	1800 PSI.	2300 PSI.

*Governed by body length and pivot.

**Includes all mounting equipment

Both hoists available
Double Acting



Shown is the heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" hinge pins. The arms have easily accessible zerker grease fittings.



This hoist is easily installed on the trucks chassis using extra heavy duty 4140 grade cast mounting brackets, with 12 grade 8 bolts and minimal welding. Installation is quick and easy.

Available Components



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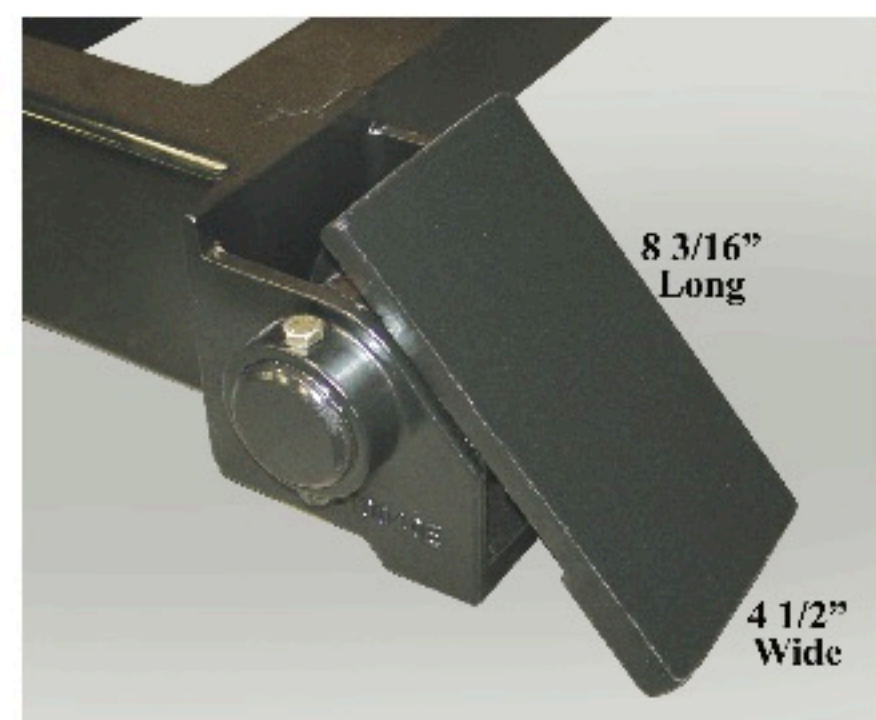
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Underbody Hoist

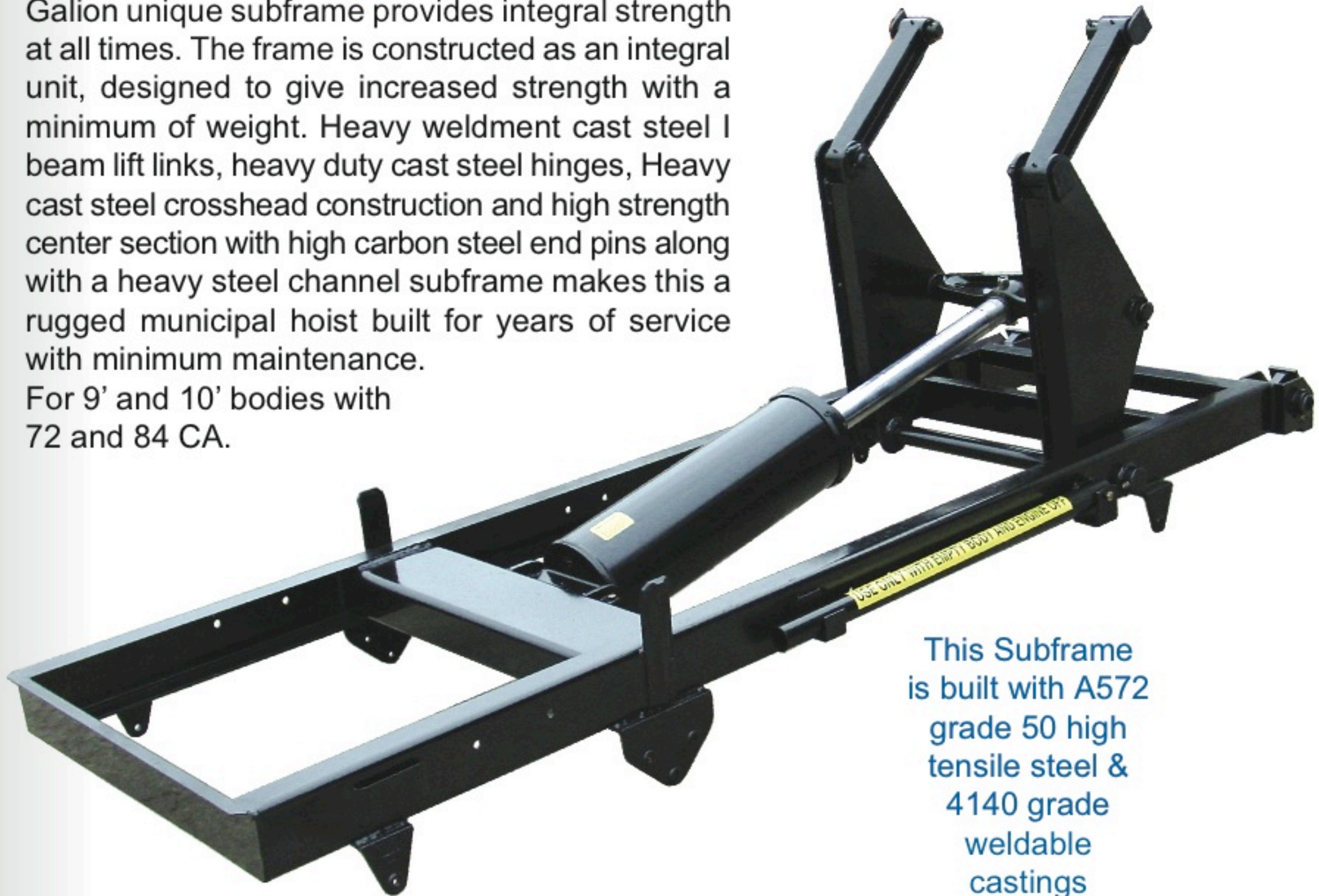
*A continued tradition
since the early 1900's*



U850D, U860D

Galion unique subframe provides integral strength at all times. The frame is constructed as an integral unit, designed to give increased strength with a minimum of weight. Heavy weldment cast steel I beam lift links, heavy duty cast steel hinges, Heavy cast steel crosshead construction and high strength center section with high carbon steel end pins along with a heavy steel channel subframe makes this a rugged municipal hoist built for years of service with minimum maintenance.

For 9' and 10' bodies with
72 and 84 CA.



This Subframe
is built with A572
grade 50 high
tensile steel &
4140 grade
weldable
castings

- One body prop
- Dual cast steel I-beam lift arms
- Heavy duty cast steel torque arm
- Fast, easy installation
- Heavy steel channel subframe
- Low maintenance
- Durable, practical

**POWDER
COATED
PRIMER**



Payload range is governed by hinge location, load location, slide angle required to dump material, and includes average body weight.

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affiliated companies
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Galion®

Underbody Hoist

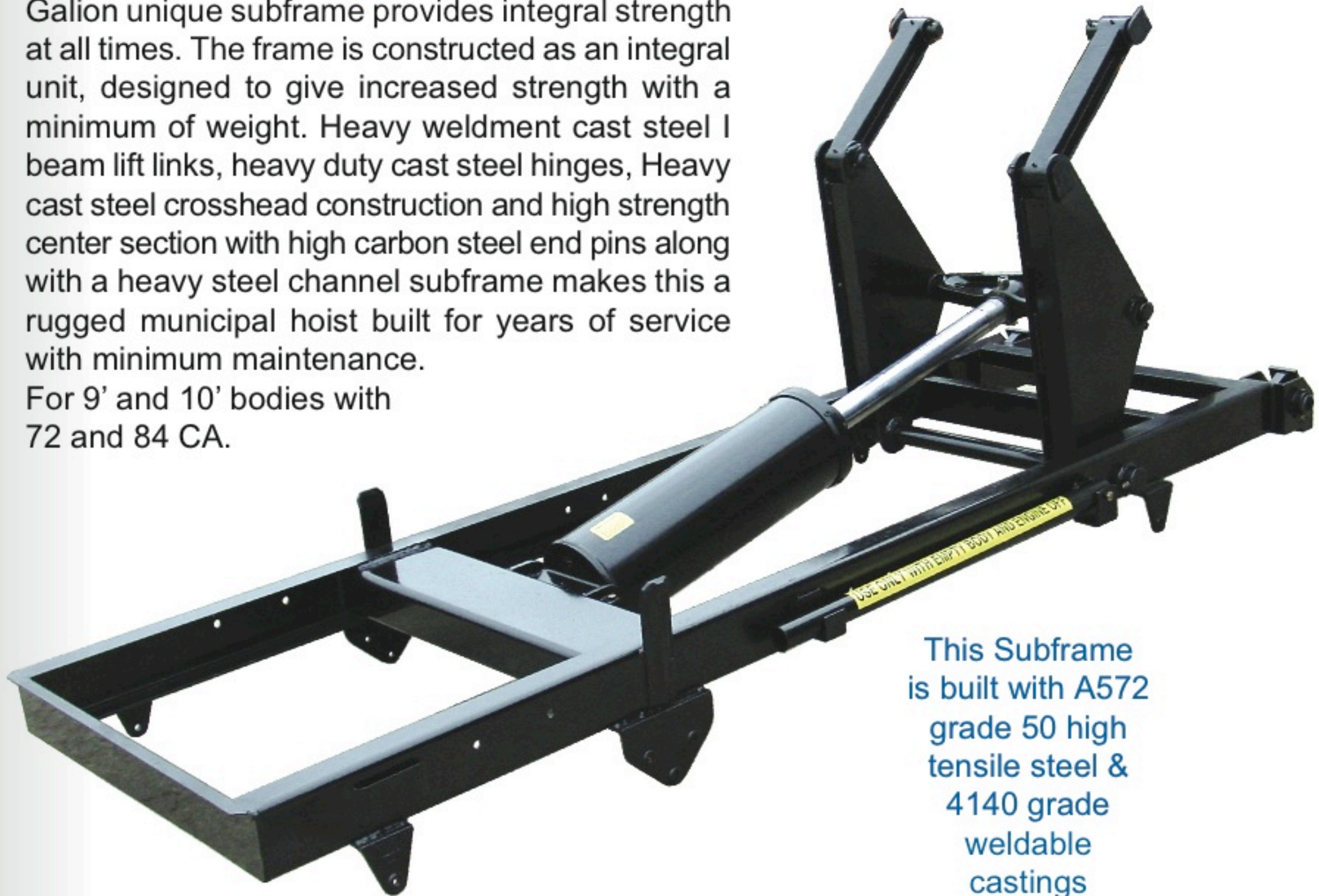
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U7770B, U8880B

Application Specifications

	U7770B	U8880B
Recommended Longitudinals	C7x12.25 Ch.	C7x12.25 Ch.
Recommended Crossmembers	4" 4.5 lb. Channel	4" 4.5 lb. Channel
Hoist:		
NTEA Class	70	80
Max. Lifting Capacity*	48,000 lbs.	58,000 lbs.
Subframe	5/16" Steel Channel	5/16" Steel Channel
Mounting Height	16"	16"
Standard Overhang	12"	12"
Standard Dump Angle	50 Degrees	50 Degrees
Weight**	2800 lbs.	2950 lbs.
Oil Reservoir Capacity	30 Gallons	30 Gallons
Cylinder:		
Bore	7.00"	8.00"
Stroke	26"	26"
Displacement	2001 cu. in.	2614 cu. in.
Piston Rod Diameter	2.5"	2.75"
Operating Pressure	1800 PSI.	1800 PSI.

*Governed by body length and pivot.

**Includes all mounting equipment

**Both hoists available
Double Acting**



Shown is the heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" hinge pins which are bolted in place with grade 8 bolts.



This hoist is easily installed to the trucks chassis using extra heavy duty 4140 grade cast mounting brackets. With 18 grade 8 bolts and minimal welding, installation is quick and easy.

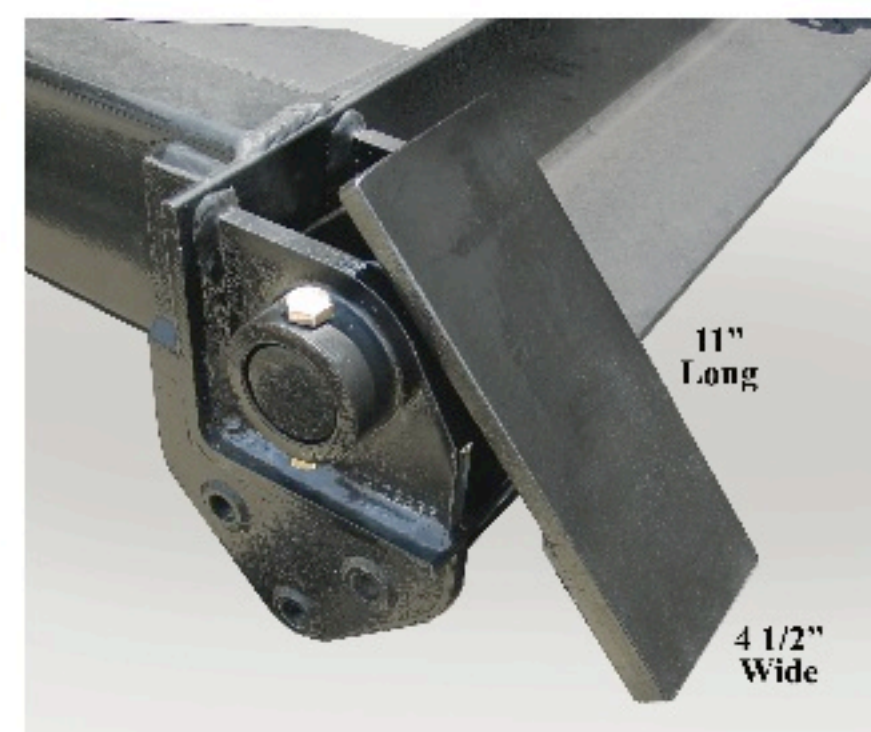
Available Components



The C102D direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 4-bolt flange and is used for heavy duty hoists. 25 GPM @ 1200 RPM



The 30 gallon frame mounted reservoir is used with larger hoist applications for its large capacity. It features an outside level / temperature indicator and an intank filtration system that can only be found in a Champion built reservoir. The unit mounts easily to the outside of the truck chassis.



The hinges are cast from extra heavy duty 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are welded to the body's box-type long sills.

U7770B, U8880B

Application Specifications

	U7770B	U8880B
Recommended Longitudinals	C7x12.25 Ch.	C7x12.25 Ch.
Recommended Crossmembers	4" 4.5 lb. Channel	4" 4.5 lb. Channel
Hoist:		
NTEA Class	70	80
Max. Lifting Capacity*	48,000 lbs.	58,000 lbs.
Subframe	5/16" Steel Channel	5/16" Steel Channel
Mounting Height	16"	16"
Standard Overhang	12"	12"
Standard Dump Angle	50 Degrees	50 Degrees
Weight**	2800 lbs.	2950 lbs.
Oil Reservoir Capacity	30 Gallons	30 Gallons
Cylinder:		
Bore	7.00"	8.00"
Stroke	26"	26"
Displacement	2001 cu. in.	2614 cu. in.
Piston Rod Diameter	2.5"	2.75"
Operating Pressure	1800 PSI.	1800 PSI.

*Governed by body length and pivot.

**Includes all mounting equipment

**Both hoists available
Double Acting**



Shown is the heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" hinge pins which are bolted in place with grade 8 bolts.



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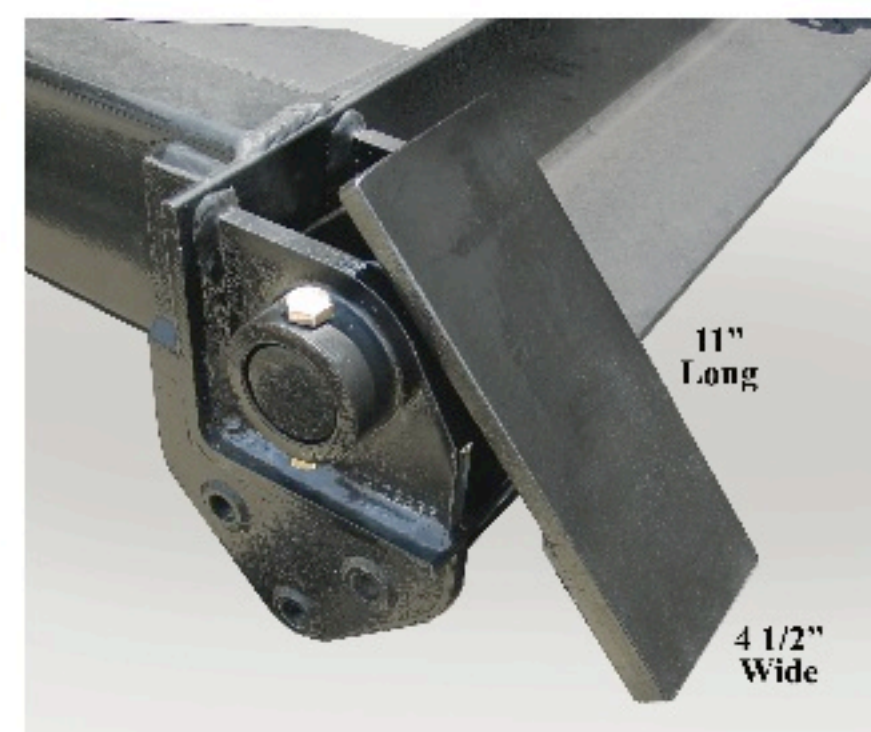
Available Components



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Galion®

Underbody Hoist

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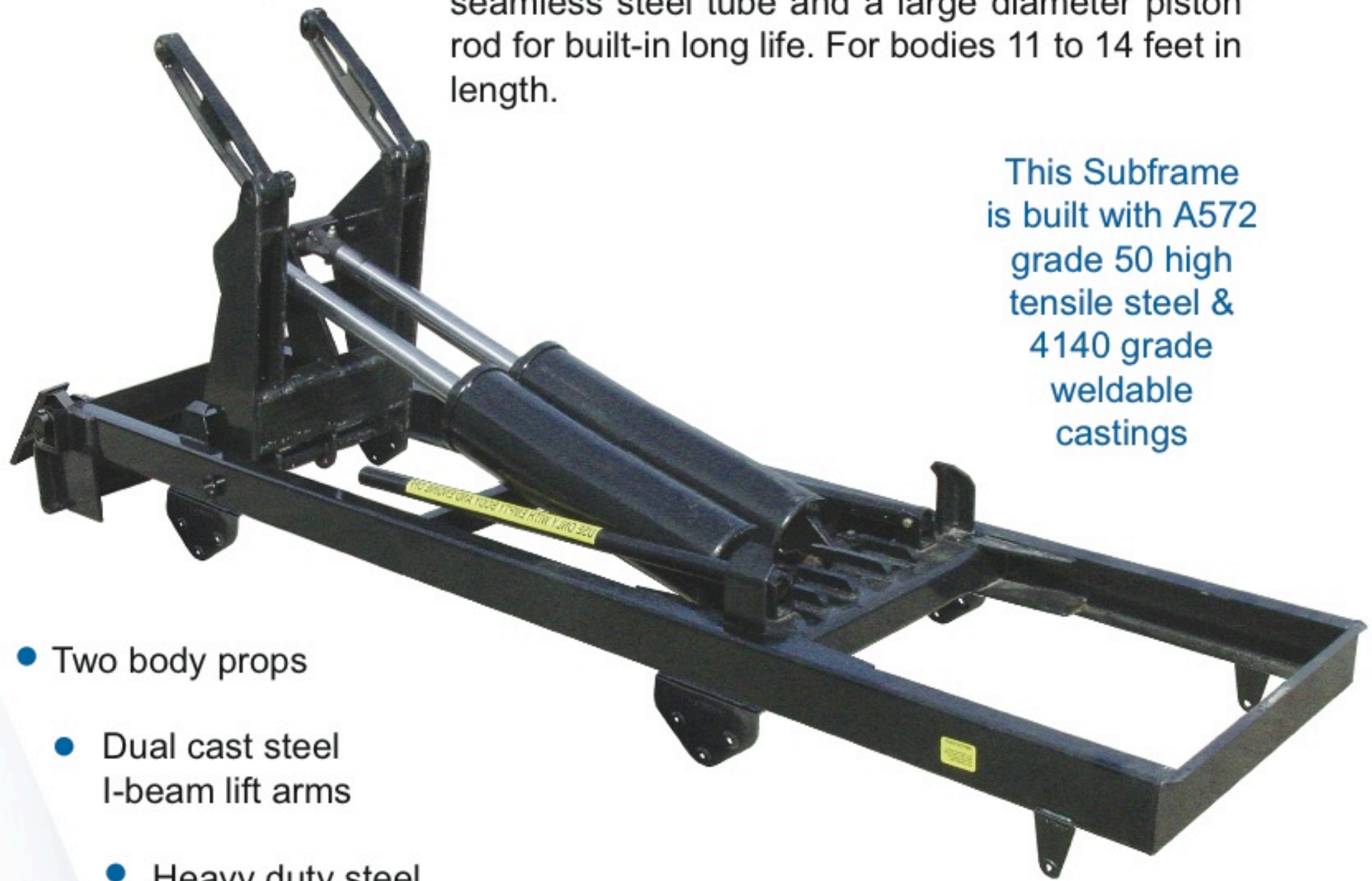


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U7770B, U8880B

Both the U7770B and U8880B are contractor type hoist built with real beef. Heavy duty cast steel lift arms; Heavy 4140 cast steel hinges that pivot on sub shafts and a full length steel subframe all go together to provide maximum capacity lifting strength throughout all stages of the dumping cycle. Two cylinders provide the thrust with dependability year after year. Each cylinder utilizes a high finish seamless steel tube and a large diameter piston rod for built-in long life. For bodies 11 to 14 feet in length.

This Subframe
is built with A572
grade 50 high
tensile steel &
4140 grade
weldable
castings



- Two body props
- Dual cast steel I-beam lift arms
- Heavy duty steel torque arm
- Fast, easy installation
- Heavy steel channel subframe
- Low maintenance
- Durable, practical

Payload range is governed by hinge location, load location, slide angle required to dump material, and includes average body weight.

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affiliated companies
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Galion®

Underbody Hoist

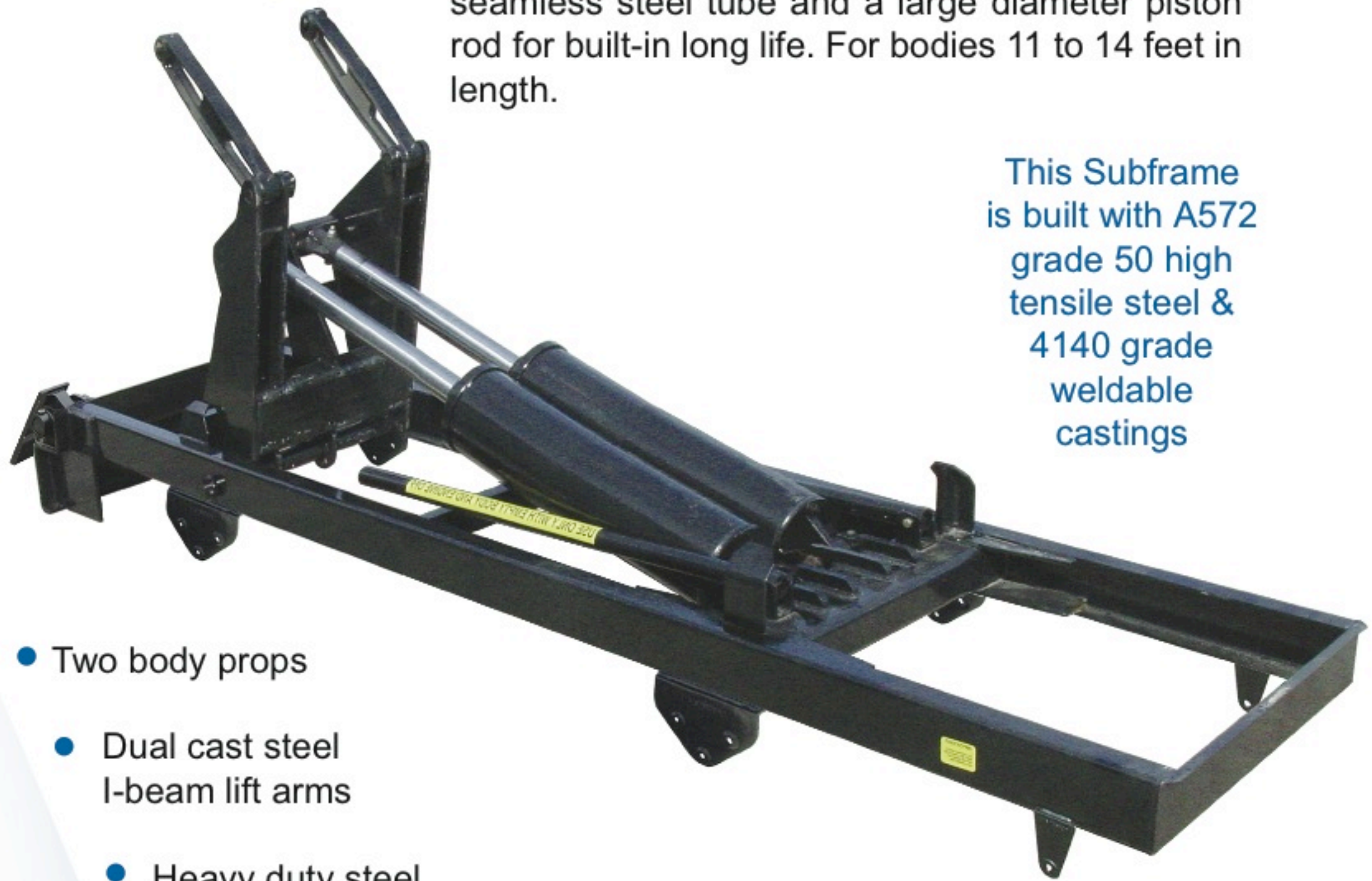
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COATED
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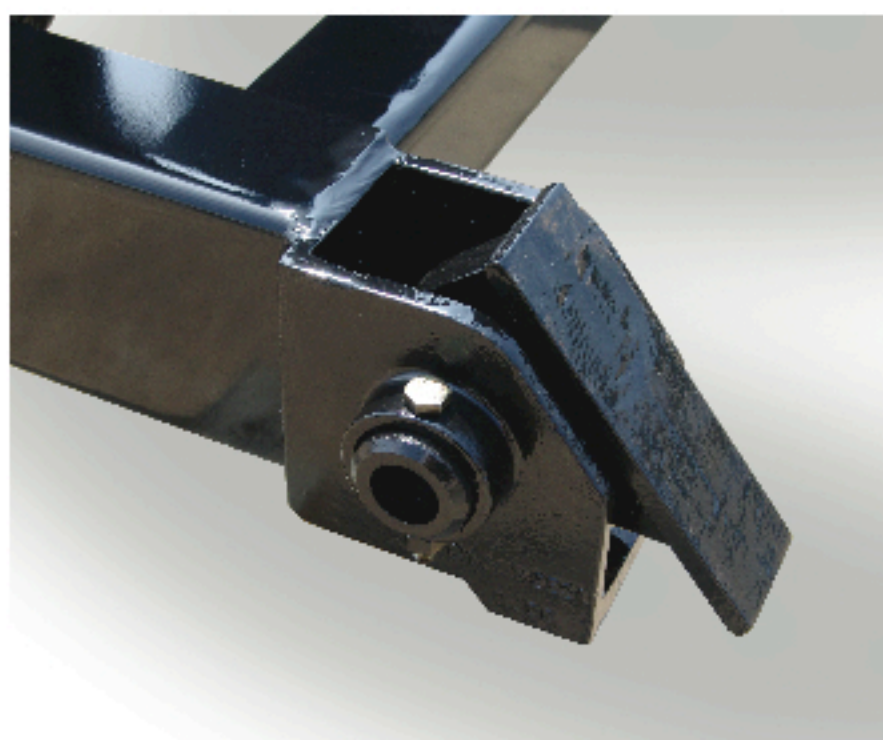
U624A Hoist



This hoist is easily installed on the trucks chassis' using extra heavy duty 4140 grade cast mounting brackets, with eight 1/2" and two 5/8" grade 8 bolts.



Shown is a U624A heavy duty lift arm. These arms easily attach directly to the body using 4140 grade, 1 1/2" hinge pins. The arms have easily accessible zerk grease fittings.



The hinges are cast 4140 grade steel to ensure durability. Adding to the ease of installation and durability, these hinges are welded directly to the body's longitudinals.

This Subframe is built with A572 grade 50 high tensile steel & 4140 grade weldable castings

Application Specifications

The U624A underbody hoist is designed to accommodate bodies from 10' to 11'6" long. The U624A hoist is an NTEA type V twin arm, single cylinder underbody hoist which features our independent torque arm design. This hoist has a capacity of 10.1 tons on a 10' body and 9 tons on an 11' body at only 2000 PSI pump pressure. This design provides additional dumping stability when loads are uneven or the terrain is unlevel. This hoist weighs 545 pounds and is approximately 240 pounds lighter than a comparable conversion hoist with a full subframe. The hoist utilizes a 6" cylinder with a 24" stroke and a 2" chrome plated rod. The hoist is designed to mount on top of the chassis and will not interfere with chassis crossmembers or other obstructions. The hoist mounts under bodies with a minimum understructure height of 8" and can provide a minimum mounting height of 13".



Available Components

Electric pumps are available as double acting (Power up and down). The electric pump is a self contained pump, valve, oil reservoir and remote cable control.

The P21 direct mount gear pump is bi-rotational with side and rear ports for versatility, thus eliminating the drive line for added safety and dependability. This pump has an S.A.E. "B" 2-bolt flange . 10 GPM @ 1200 RPM

The 8.5 gallon box type reservoir is designed to be frame mounted. It hangs out of the way and is equipped with a brass wire mesh suction strainer, oil level & temperature gauge.

The SP4 valve with cable and lever control is used in conjunction with the P21 pump. This valve is easy to install and makes the hydraulic system double acting.

Champion Hoist and Equipment™
200 Champion Drive
Dunn, NC 28334
(910) 897-4995 Fax (910) 897-7306



**POWDER
COATED
PRIMER**

U624A Hoist



Experience that Matters

If you're in the market for a hoist, look no further. Champion Hoist and Equipment™ has a low tolerance for defects and a strong desire for quality craftsmanship to ensure customer satisfaction. Dedicated to perfection and continuing to lead the industry with over 35 years of excellence, Champion built hoists are well developed and industry proven. Champion built equipment is shot blasted and powder coated black to ensure a long lasting durable product. We are a proud member of the National Truck Equipment Association.

**All Champion hoists
are NTEA rated**

All mounting angles
will be shipped loose.



This hoist has an NTEA rating of class 30

The U624A is recommended for 10,000 lbs. to 19,500 lbs. GVWR rated chassis. Any other application is not recommended.

This hoist only weighs 545 lbs. That is 240 lbs. lighter than a comparably rated conversion hoist with a full subframe.

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U860BDA

Application Specifications

Recommended Longitudinals	7" Channel
Recommended Crossmembers	4" Channel
Hoist:	
NTEA Class	60
Application	84" - 102" CA
Subframe	1/4" Steel Channel
Pivot Hinge	Heavy Duty Cast Steel
Mounting Height	15"
Standard Pivot	12"
Standard Dump Angle	50 degrees
Shipping Weight*	1212 lbs.
Oil Reservoir Capacity	8.5 gallons

Cylinder:

Bore	8.00"
Stroke	26"
Piston Rod Diameter	2.75"

*Includes all mounting equipment



This hoist is easily installed on the trucks chassis using extra heavy duty 4140 grade cast mounting brackets, grade 8 bolts and minimal welding. Installation is quick and easy.

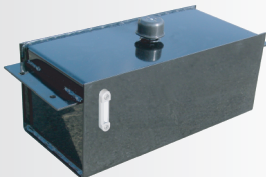


Shown are the U860BDA heavy duty cast lift arms. These arms easily attach directly to the body using 4140 grade, 1 1/2" hinge pins which are bolted in place with grade 8 bolts.

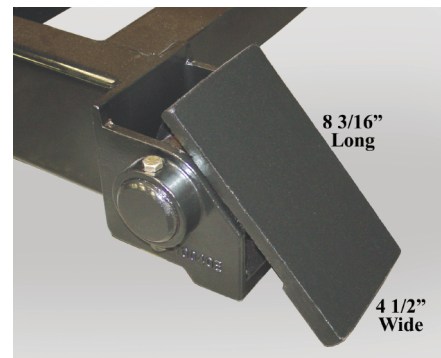
Available Components



The G102D pump/valve combination direct mount gear pump does not require a drive line thus making it safer and more dependable. This pump has an S.A.E. "B" 2-bolt flange. 15 GPM @1200 RPM Available with "ccw" or "cc" rotation



The 8.5 gallon box type reservoir is designed to be frame mounted. It hangs out of the way and is equipped with a brass wire mesh suction strainer, oil level & temperature gauge.



These hinges are cast from extra heavy duty 4140 grade steel to ensure durability. This style hinge is used on a formed crossmemberless understructure.

Galion-Godwin reserves the right under its Product Improvement Program to modify construction and/or design and furnish equipment when so altered without reference to illustration and/or specifications shown herein. All specifications subject to change without notice.

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