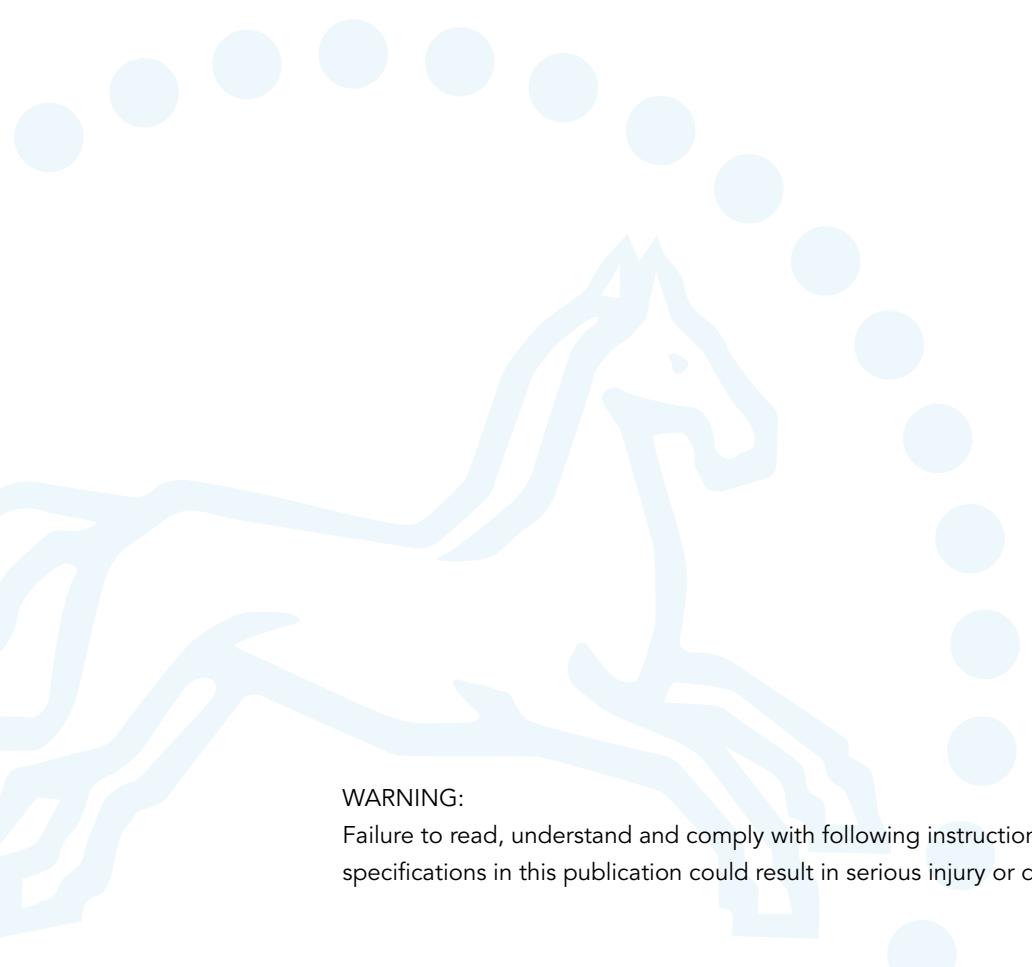


Johnson Blocks

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WARNING:

Failure to read, understand and comply with following instructions, working load limits and specifications in this publication could result in serious injury or damage to property.

Shorty "J" Crane Blocks

Shorty "J" represents the broadest line of standard crane blocks in the industry. In all, this company manufactures more than 1500 standard models of crane blocks not including options.



Standard Features

- 5 - 450 tonnes capacity
- 4:1 design factor
- 1 - 8 sheaves
- 250 - 760 mm sheave diameters
- Reeving guides for all models
- Bronze bushed and roller bearing sheaves
- Direct-channel sheave bearing lubrication through center pin
- Flame hardened grooves on sheave sizes 400 - 760 mm diameters
- Dual action (swing/swivel) roller thrust bearing hooks
- Forged steel hooks, 3 - 30 tonnes
- Total disassembly capacity

Optional Features

- Forged steel hooks, 35 - 300 tonnes
- Cast alloy steel duplex hooks with bar latch 25 - 1750 tonnes
- Forged steel duplex hooks
- Anti-rotation locking devices, all models
- Swivel safety anchor shackles, all models
- Sheave shrouds, all models
- All models have detachable cast iron and steel cheek weights.
- Proof test and certification, radiographic, magnetic particle, and other non-destructive testing to specification by customer

Quick Reeve - Mobile Crane Block

Standard Features

- Quick release, zinc plated, rope retention pin meets OSHA requirements for rope retention. Cannot be completely removed from block to avoid pin loss.
- Johnson J-Latch™ heavy duty, steel, lockable, spring loaded latch meets OSHA personnel lifting requirements.
- The Johnson J-Latch™ provides a fast hook deformation inspection point.
- Available tonnage capacities from 5 - 300 tonnes. Larger capacities available upon request.
- Quick Reeve™ upright design rests on its own hook for a stable base while reeving.
- No bulky, drop down, trap door to handle or damage.
- Wire rope end fitting will pass through block without removal from wire rope.



Snatch Blocks

Gunnebo Johnson Snatch Blocks have the convenient side opening feature. This is true even of our heavy duty top dead-end models, and makes it easy to reeve the block without removing any fitting from the end of the wire rope. Other features include choice of swivel hook, shackle, eye fittings or Tailboard Blocks which have no fittings at all.

Standard Features

- Rugged and reliable
- 4:1 design factor
- Easy-open side plates
- Metric rated
- Large hand nuts
- Retainer on latch pin
- Anchor shackle with retainer pin
- Bronze bushing

Optional Features

- Proof load
- Roller bearings
- Marine epoxy paint
- Heavy duty J-latch
- Larger sizes

Wide Range

Now over 250 models and sizes, from 2 to 30 tonnes. Sheave sizes from 80 to 600 mm in diameter. Multiple rope sizes and end fittings available.

Rugged

Johnson's famous durability is well established in the industry. These blocks stand up to the toughest applications, whether in blistering sun or under icy blizzard conditions.

Reliable

From built-in strength comes the reliability long associated with the Johnson name. These blocks are performers, day after day and year after year. American quality you can count on.

Many Choices

Singles, doubles, top dead end, towing, oilfield, pipe laying and general construction. Sizes and specific models for all.

Convenient

Large, easy to grip hand nuts on all models, especially on the smallest models. Makes it easier to open and close under all conditions without removing gloves, and easy to tap with a hammer to loosen or lock down.

Secondary Securement

All hand nuts and shackles are fitted with "R" pins as a secondary securement device, for example where inspection is limited or infrequent due to location or other factors.



4 tonnes Snatch Block with Shackle

From 2 to 30 Metric Tonnes WLL



Single Sheave with Hook



Single Sheave with Shackle



Tail Board Block

WLL tonnes		Swivel hook		Swivel shackle		Tailboard (no fitting)	
SHV OD (mm)	Wire rope (mm)	Model	Weight (kgs)	Model	Weight (kgs)	Model	Weight (kgs)
2 t							
80	8 - 10	SB 2S 3B H	2.3	SB 2S 3B S	2.3	SB 2S 3B T	1.4
4 t							
100	10 - 13	SB 4S 4B H	6.3	SB 4S 4B S	7.2	SB 4S 4B T	4.1
100	10 - 13	SB 4S 4R H	6.3	SB 4S 4R S	7.2	SB 4S 4R T	4.1
150	10 - 13	SB 4S 6B H	8.6	SB 4S 6B S	9.5	SB 4S 6B T	6.3
150	10 - 13	SB 4S 6R H	8.6	SB 4S 6R S	9.5	SB 4S 6R T	6.3
200	10 - 13	SB 4S 8B H	11.0	SB 4S 8B S	11.7	SB 4S 8B T	8.6
200	10 - 13	SB 4S 8R H	11.0	SB 4S 8R S	11.7	SB 4S 8R T	8.6
250	10 - 13	SB 4S 10B H	15.0	SB 4S 10B S	15.8	SB 4S 10B T	12.2
250	10 - 13	SB 4S 10R H	15.0	SB 4S 10R S	15.8	SB 4S 10R T	11.3
300	10 - 13	SB 4S 12B H	18.0	SB 4S 12B S	18.9	SB 4S 12B T	15.3
300	10 - 13	SB 4S 12R H	18.9	SB 4S 12R S	19.8	SB 4S 12R T	16.2
360	10 - 13	SB 4S 14B H	22.0	SB 4S 14B S	23.0	SB 4S 14B T	19.4
360	10 - 13	SB 4S 14R H	23.0	SB 4S 14R S	23.9	SB 4S 14R T	20.3
8 t							
150	16 - 19	SB 8S 6B H	12.2	SB 8S 6B S	13.1	SB 8S 6B T	7.7
150	16 - 19	SB 8S 6R H	13.5	SB 8S 6R S	14.4	SB 8S 6R T	9.0
200	16 - 19	SB 8S 8B H	15.8	SB 8S 8B S	16.7	SB 8S 8B T	11.3
200	16 - 19	SB 8S 8R H	15.3	SB 8S 8R S	16.2	SB 8S 8R T	6.3
250	16 - 19	SB 8S 10B H	18.5	SB 8S 10B S	19.4	SB 8S 10B T	14.0
250	16 - 19	SB 8S 10R H	18.0	SB 8S 10R S	18.9	SB 8S 10R T	13.5
300	16 - 19	SB 8S 12B H	23.4	SB 8S 12B S	24.3	SB 8S 12B T	15.3
300	16 - 19	SB 8S 12R H	24.8	SB 8S 12R S	25.7	SB 8S 12R T	20.3
360	16 - 19	SB 8S 14B H	28.8	SB 8S 14B S	29.7	SB 8S 14B T	24.3
360	16 - 19	SB 8S 14R H	28.8	SB 8S 14R S	29.7	SB 8S 14R T	24.3

WLL tonnes		Swivel hook		Swivel shackle		Tailboard (no fitting)	
SHV OD (mm)	Wire rope (mm)	Model	Weight (kgs)	Model	Weight (kgs)	Model	Weight (kgs)
12 t							
150	19 - 22	SB 12S 6B H	20.7	SB 12S 6B S	23.0	SB 12S 6B T	13.1
150	19 - 22	SB 12S 6R H	20.3	SB 12S 6R S	23.0	SB 12S 6R T	13.5
200	19 - 22	SB 12S 8B H	25.2	SB 12S 8B S	27.5	SB 12S 8B T	17.6
200	19 - 22	SB 12S 8R H	25.2	SB 12S 8R S	27.5	SB 12S 8R T	17.6
250	19 - 22	SB 12S 10B H	31.1	SB 12S 10B S	33.3	SB 12S 10B T	23.4
250	19 - 22	SB 12S 10R H	32.0	SB 12S 10R S	34.2	SB 12S 10R T	24.3
300	19 - 22	SB 12S 12B H	40.5	SB 12S 12B S	42.8	SB 12S 12B T	32.4
300	19 - 22	SB 12S 12R H	39.2	SB 12S 12R S	41.4	SB 12S 12R T	31.1
360	19 - 22	SB 12S 14B H	46.4	SB 12S 14B S	48.6	SB 12S 14B T	38.3
360	19 - 22	SB 12S 14R H	45.9	SB 12S 14R S	48.2	SB 12S 14R T	37.8
400	19 - 22	SB 12S 16B H	56.3	SB 12S 16B S	58.5	SB 12S 16B T	48.6
400	19 - 22	SB 12S 16R H	58.5	SB 12S 16R S	60.8	SB 12S 16R T	50.9
15 t							
200	19 - 22	SB 15S 8B H	28.4	SB 15S 8B S	27.9	SB 15S 8B T	17.6
200	19 - 22	SB 15S 8R H	27.5	SB 15S 8R S	27.0	SB 15S 8R T	17.6
250	19 - 22	SB 15S 10B H	34.2	SB 15S 10B S	33.8	SB 15S 10B T	23.4
250	19 - 22	SB 15S 10R H	38.3	SB 15S 10R S	37.8	SB 15S 10R T	28.4
300	19 - 22	SB 15S 12B H	42.2	SB 15S 12B S	42.8	SB 15S 12B T	32.0
300	19 - 22	SB 15S 12R H	41.4	SB 15S 12R S	41.0	SB 15S 12R T	31.1
360	19 - 22	SB 15S 14B H	48.2	SB 15S 14B S	47.7	SB 15S 14B T	36.9
360	19 - 22	SB 15S 14R H	48.2	SB 15S 14R S	47.7	SB 15S 14R T	37.8
400	19 - 22	SB 15S 16B H	60.8	SB 15S 16B S	60.3	SB 15S 16B T	50.0
400	19 - 22	SB 15S 16R H	60.8	SB 15S 16R S	60.3	SB 15S 16R T	51.9
20 t							
200	26 - 29	SB 20S 8B H	36.0	SB 20S 8B S	42.8	SB 20S 8B T	20.7
200	26 - 29	SB 20S 8R H	36.0	SB 20S 8R S	42.8	SB 20S 8R T	20.7
250	26 - 29	SB 20S 10B H	42.3	SB 20S 10B S	49.1	SB 20S 10B T	27.0
250	26 - 29	SB 20S 10R H	43.2	SB 20S 10R S	50.0	SB 20S 10R T	27.9
300	26 - 29	SB 20S 12B H	46.8	SB 20S 12B S	53.6	SB 20S 12B T	31.8
300	26 - 29	SB 20S 12R H	46.4	SB 20S 12R S	53.1	SB 20S 12R T	31.1
360	26 - 29	SB 20S 14B H	51.8	SB 20S 14B S	58.5	SB 20S 14B T	36.5
360	26 - 29	SB 20S 14R H	54.5	SB 20S 14R S	61.2	SB 20S 14R T	39.2
400	26 - 29	SB 20S 16B H	65.7	SB 20S 16B S	72.5	SB 20S 16B T	50.4
400	26 - 29	SB 20S 16R H	67.1	SB 20S 16R S	73.8	SB 20S 16R T	51.8
460	26 - 29	SB 20S 18B H	77.0	SB 20S 18B S	83.7	SB 20S 18B T	61.7
460	26 - 29	SB 20S 18R H	78.8	SB 20S 18R S	85.5	SB 20S 18R T	63.5
30 t							
500	29 - 32	SB 30S 20B H	123.3	SB 30S 20B S	122.9	SB 30S 20B T	92.3
500	29 - 32	SB 30S 20R H	126.9	SB 30S 20R S	126.5	SB 30S 20R T	94.5
600	29 - 32	SB 30S 24B H	153.5	SB 30S 24B S	153.0	SB 30S 24B T	121.5
600	29 - 32	SB 30S 24R H	154.8	SB 30S 24R S	154.4	SB 30S 24R T	122.9

Manhandler Snatch Block



- 680 kgs WLL
- Standard painted finish
- For lifting personnel
- Sealed roller bearings
- Interlocking internal design
- R-pin retainers
- Secondary tether attachment points

WLL kgs	Model	Wire rope (mm)	Sheave diameter (mm)	Weight (kgs)
680	MHSB1S8RS	10 - 11	200	22

Gunnebo Johnson's Manhandler Snatch Blocks (MHSB) are suitable for personnel hoisting when properly incorporated into a compliant personnel hoist system and maintained in good working order.

See the *Manhandler Warnings and Use Limitations Brochure* available from Gunnebo Johnson Corp. and your distributor.

Galvanized Derrick Block



- 4 - 12 tonnes WLL
- Standard galvanized finish
- Handling slots in the body
- Large knock-off handles
- Interlocking internal design
- For lifting materials
- R-Pin retainers

WLL tonnes	Model	Wire rope (mm)	Sheave diameter (mm)	Weight (kgs)
4	MHSB4S8TS	10 - 13	200	15.0
12	MHSB12S10TS	13 - 14	250	37.6
12	MHSB12S14TS	16 - 20	360	55.3

Oilfield Blocks

Gunnebo Johnson has been producing oilfield equipment for over five decades. Because of our expertise in sheaves and blocks, Gunnebo Johnson has become a respected manufacturer for the Petroleum industry. We know the needs and we have the know how to fulfil them with quality lifting devices. High capacity, custom engineered oilfield blocks available upon request.



Tong Line Block



Laydown Block



Guy Line Block



Hayfork Pully

Swivels

Standard designs are available in a wide variety of styles. Engineered for long life at a reasonable cost. Features include roller thrust bearings, recessed grease fittings and hooks of drop forged steel. All swivels have a 4:1 design factor. High capacity, custom engineered swivels available upon request. Heavy duty J-Latch standard on hook models.



Eye and Eye



Eye and jaw



Eye Hook



Jaw Jaw



Jaw Hook

Wire Rope Sheaves

Available in sizes ranging from 80 to 2740 mm and over 250 standard models, Gunnebo Johnson Wire Rope Sheaves are industry proven with over 100 000 in use. Cost efficient designs are available with no upfront tooling or pattern charges and no premium for small order quantities.



Standard Features

- 80 - 2740 mm sheave diameters
- 6 - 80 mm wire rope sizes
- 4:1 design factor
- Cast iron, ductile iron, cast steel, ForgeFab® steel types.

Optional Features

- Custom designs to customer shaft, bearing mounting, hub, sheave O.D. or wire rope size requirement.
- Electroplate inorganic zinc compound and other corrosion resistant coatings available.
- Hub-located grease fittings
- Modifications as required to API and other applicable industry standards.
- Special shaft, furnished for any sheave listed.
- AISE No. 6 specifications.
- Cold weather properties.

Open Wedge Sockets

Open Wedge Sockets combine positive attachment with optimum versatility. Easy-to-change Gunnebo Johnson Wedge Sockets are a high strength cast alloy steel with charpy value of 34 Joules at -20 °C. Each socket accepts at least two different ductile iron wedges. This allows the socket to be used with more than one rope size. Together, wedge and body act as a vise which grips the wire rope and locks it into place. The headed attachment pin is standard and has a charpy value of 34 Joules at -20 °C.



Overhaul Balls

Provide the overhaul weight necessary to counter bearing friction and winch-to-boom-tip line weight. Because these units must meet a wide range of field applications, we offer an equally wide range of unit sizes. It is in fact, one of the widest ranges available. Over 240 models; 3 - 30 tonnes WLL. Non-swivel balls are also available.

Standard Features

- 3 to 30 tonnes
- 4:1 design factor
- Heavy duty J-Latch standard

Optional Features

- High capacity, custom engineered balls available upon request.



Split Ball



Gunnebo BK Safety Hook



Top Swivel



Bottom Swivel



Non-Swivel

Fixed Bail Construction and Marine Rigging Blocks

Beginning with 100 standard models, you are assured of selections that fit your every need. The lowest weight to capacity ratios, the quickest rigging and the easiest maintenance are a few additional benefits that prove once again that Johnson Blocks are consistent in quality and value.



Standard Features

- 10 to 135 tonnes capacity
- 4:1 design factor
- 1 to 6 sheaves
- Full coverage side plates and centre plates
- Top dead-end shackle
- Tapered roller bearings
- Oval pattern side plates

Optional Features

- Bronze bushings
- Diamond pattern side plates
- Fully galvanized for corrosion resistance
- High capacity, custom engineered blocks available upon request

Custom Engineered Products

Custom engineering is a Gunnebo Johnson speciality. We provide quotations and product delivery of custom engineered blocks, as well as a wide variety of lifting tackle, in the shortest time possible. Gunnebo Johnson blocks are available to 3000 tonnes and above capacity with the design factor to your specifications. Proof testing is available to 500 tonnes.

Bottom Fitting Options

- Single hooks
- Duplex hooks
- Quad hooks
- Fixed shackles
- Swivel shackles
- Custom-fabricated fittings



*Mega Lift 3000 tonnes WLL
Crane Ship Lifting System*

Corrosion-Resistant Finishes Available

- Zinc plating
- Hot dip galvanize and carbo-zinc 11
- Three part marine epoxy
- Dimetcote No. 3 and 6
- Various mil specs.



*700 tonnes WLL Flexi-Weight™ Block
Duplex Hook Removable Weights*



*500 tonnes WLL Crane Block
Duplex Hook*



*600 tonnes WLL Offshore Service Block
Quadruplex Hook*

www.gunnebojohnson.com

Other Products & Spare Parts

Clamps • Manual equipment • Lifting Beams •

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