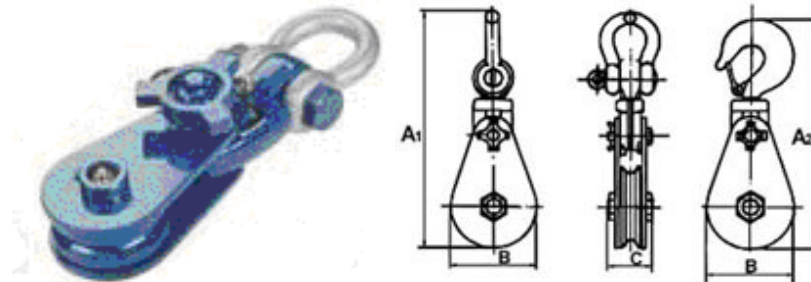


User manual

Ambition
Industry

Ambition snatch block



Art. no.:	WLL head load	WLL Line pull	Sheave dia.	A1	B	C	Wire dia.	Weight kg
0331850	2 ton	1 ton	3"	286	82	70	7-9mm	4
0331853	4 ton	2 ton	4,5"	345	120	70	10-12mm	6,1
0331856	4 ton	2 ton	6"	399	160	70	16-18mm	13,8
0331859	8 ton	4 ton	6"	475	160	93	20-22mm	14,4
0331862	8 ton	4 ton	8"	528	210	93	20-22mm	16
0331865	15 ton	7,5 ton	8"	663	230	102	22-24mm	24
0331868	10 ton	5 ton	10"	679	260	115	24-26mm	37,5
0331871	12 ton	6 ton	10"	679	260	115	24-26mm	42
0331874	12 ton	6 ton	12"	767	310	133	24-26mm	56
0331877	15 ton	7,5 ton	12"	884	365	133	26-28mm	65
0331880	22 ton	11 ton	14"	952	365	140	28-32mm	90
0331883	22 ton	11 ton	16"	1019	415	140	28-32mm	108
0331886	30 ton	15 ton	16"	1126	415	155	32-35mm	135
0331889	30 ton	15 ton	20"	1256	514	162	32-35mm	210

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Ambition snatch block

1.0 Usage

- * Ambition snatch blocks are used for lifting, lowering and pulling of loads.
- * Operating temperature range: -20° to 40° °C.
- * Ambition snatch blocks must not come into contact with alkalis or acids. They must not be used in areas with acidic fumes.
- * The design factor for Ambition snatch blocks is 4:1.
- * Snatch blocks must not be used in explosive atmospheres.

2.0 Important information

- * Before using the snatch block, read and understand this user manual. It is important that the user has the appropriate skills and experience in order to use the snatch block correctly.
- * Please note that Ambition snatch blocks are marked with WLL (Working Load Limit) both in line pull and head load. Make sure you choose the correct block for the task at hand.
- * For temporary operations, smaller dimension wire rope than the given can be used, but this will lead to less durability.



Wrong, sheave too narrow.



Wrong, sheave too wide.



Correct, sheave fits, wire is supported about 33% of its circumference..



Ambition snatch block

3.0 Safety

- * Only persons with the appropriate skills and experience should use the snatch block. The user should have good knowledge of the use and construction of lifting gear in general and must have knowledge of the relevant directives and regulations on the use and design of lifting gear.
- * Always ensure that your co-workers and any other people in the vicinity are aware that you are starting a lifting operation!
- * Never overload a hoist! Maximum lifting capacity is printed on the hoist's label as WLL (Working Load Limit).
- * Never stand or move underneath a suspended load!
- * If the snatch block is used for a pulling application, nobody must stand or move within the working angle of the snatch block.
- * The snatch block must never be used to transport or lift people!
- * Always inspect the snatch block before use.
- * Always check that the WLL complies with the lift you are performing.
- * Do not use if the snatch blocks labelling is inadequate.
- * Always check that the hoist has not been taken out of use after the previous operation due to a fault. If this is the case, the hoist must not be used but should be repaired!
- * Never leave a suspended load unattended.
- * Be aware that pendular motion may increase the strain on the snatch block. This should be avoided!
- * **Always use the personal protective equipment required by your employer**
- * **The snatch block shall be inspected by competent person at least once every 12 months!**



Ambition snatch block

4.0 Check list before use

- *Always check that the block is marked with WLL, CE-marking, manufacturer, serial number , wire dimensions and test-date.
- *Always make sure that the snatch block is free from any mechanical deformations, corrosion or heat damage.
- *Always check that moving parts move freely without using excessive force.
- *Always check that the attachment point is rated to the WLL of the snatch block.
- * Always check that all shackles, bolts, nuts and cotter pins are correctly mounted and secured.

5.0 During use

- *Make sure that the wire is correctly placed on the sheave..
- *Never use the block to stabilise or hold a load while welding or when other work is done on the load.
- *Never raise the load so high that the wires end termination reaches the side plates of the snatch block
- * Never allow the snatch block to be used wrongly, without locking pins, incorrectly mounted or for non intentional use.
- * Make sure the snatch block can rotate freely around the head fitting.



Ambition snatch block

* The total load on the snatch block and attachment point will vary with the working angle. Use the table underneath to verify that the snatch block and attachment point will hold the load.
Line pull × Factor = Load on attachment point.

Angle	Factor	Angle	Factor
0°	2,00	100°	1,29
10°	1,99	110°	1,15
20°	1,97	120°	1,00
30°	1,93	130°	0,94
40°	1,87	135°	0,76
45°	1,84	140°	0,68
50°	1,81	150°	0,52
60°	1,73	160°	0,35
70°	1,64	170°	0,17
80°	1,53	180°	0,00
90°	1,41		

6.0 After use

*Never throw the snatch block on the ground.

*Snatch blocks shall be greased regularly. Ambition snatch blocks are fitted with two grease nipples to ensure optimal movement. Bronze bushings should be lubricated minimum every 2-3 days, roller bearings at least weekly. During continuous use the snatch blocks should be lubricated more often.

*Snatch blocks should be stored dry and well ventilated.

7.0 How to use the snatch block?

*Remove the r-splint and turn the wing nut counter clockwise to remove the bolt.

*The sideplate can now be swung open to insert the wire rope.

*Swing the sideplate back, fit the bolt and put the r-pin back into place.



Ambition snatch block

8.0 Periodic inspection

Periodic inspection of the snatch blocks shall be performed by competent personell at least once every 12 months. During especially frequent use of the snatch block the inspection should take place more frequently.

Pay particular attention to the following during inspection:

- * Wear on bolts, shafts, sheave and side plates. (Max 10%)
- * Deformations
- * Heat treatment
- * Look and hear if the sheave rotates freely or if it wobbles. This could be a sign of the shaft or bearings needs to be replaced.
- *Excessive corrosion or cracks in welds.
- * Wear on wire sheave.



User manual



Ambition snatch block

9.0 Declaration of conformity

We hereby declare that the Ambition snatch blocks meets the basic health and safety requirements of the Machinery Directive 2006/42/EF. This declaration is invalid if the snatch blocks are altered or used in applications for which it is not intended without prior consultation with us.

PRODUSENT / LEVERANDOR PRODUCER / VENDOR John Dahle Skipshandel AS Plattformveien 6, 4056 Tananger Norway		TELEFON / TELEFAKS / E-POST PHONE / FAX / E-MAIL Telephone: + 47-51646990 Telefax: +47- 51646991 E-mail: post@john-dahle.no		INDUSTRY • OFFSHORE • SKIP ETABL. 1915  JOHN DAHLE SKIPSHANDEL A/S	
SAMSVARERKLÆRING / DECLARATION OF CONFORMITY					
Kunde / Customer JOHN DAHLE SKIPSHANDEL AS		Sertifikatnr. / Certificate no IDS2013-3588		Kundes ref. / Customers ref. -	
		Vårt ordrenr. / Our order no -			
Merkning / Serieur. Marking / Serial no	Artikkelnr. Article no	Beskrivelse av utstyr Description of Equipment	Antall Nos	lit. standarder eller tegninger Standards or drawings used	Største tillatte arbeidslast Working Load Limit (WLL)
	0331850	KASTEBLOKK AMBITION INDUSTRY 3" MALT STÅL 7 - 9 MM	* STK	Fabrikkstandard	1 TONN LINE PULL
	0331853	KASTEBLOKK AMBITION INDUSTRY 4,5" MALT STÅL 10 - 12 MM	* STK	Fabrikkstandard	2 TONN LINE PULL
	0331856	KASTEBLOKK AMBITION INDUSTRY 6" MALT STÅL 16 - 18 MM	* STK	Fabrikkstandard	2 TONN LINE PULL
	0331859	KASTEBLOKK AMBITION INDUSTRY 6" MALT STÅL 20 - 22 MM	* STK	Fabrikkstandard	4 TONN LINE PULL
	0331862	KASTEBLOKK AMBITION INDUSTRY 8" MALT STÅL 20 - 22 MM	* STK	Fabrikkstandard	4 TONN LINE PULL
	0331865	KASTEBLOKK AMBITION INDUSTRY 8" MALT STÅL 22 - 24 MM	* STK	Fabrikkstandard	7,5 TONN LINE PULL
	0331868	KASTEBLOKK AMBITION INDUSTRY 10" MALT STÅL 24 - 26 MM	* STK	Fabrikkstandard	5 TONN LINE PULL
	0331871	KASTEBLOKK AMBITION INDUSTRY 10" MALT STÅL 24 - 26 MM	* STK	Fabrikkstandard	6 TONN LINE PULL
	0331874	KASTEBLOKK AMBITION INDUSTRY 12" MALT STÅL 24 - 26 MM	* STK	Fabrikkstandard	6 TONN LINE PULL
	0331877	KASTEBLOKK AMBITION INDUSTRY 12" MALT STÅL 26 - 28 MM	* STK	Fabrikkstandard	7,5 TONN LINE PULL
	0331880	KASTEBLOKK AMBITION INDUSTRY 14" MALT STÅL 28 - 32 MM	* STK	Fabrikkstandard	11 TONN LINE PULL
	0331883	KASTEBLOKK AMBITION INDUSTRY 16" MALT STÅL 28 - 32 MM	* STK	Fabrikkstandard	11 TONN LINE PULL
	0331886	KASTEBLOKK AMBITION INDUSTRY 16" MALT STÅL 32 - 35 MM	* STK	Fabrikkstandard	15 TONN LINE PULL
	0331889	KASTEBLOKK AMBITION INDUSTRY 20" MALT STÅL 32 - 35 MM	* STK	Fabrikkstandard	15 TONN LINE PULL
		SF 4:1			
				Seneste dato for neste kontroll Latest date for next inspection (dd.mm.yy)	24.05.14
Vi bekrefter herved at utstyret som nevnt over samsvarer med de grunnleggende kravene til helse og sikkerhet i Forskrift om Maskiner, bestillingsnummer 522. Denne samsvarerklæringen er ugyldig hvis utstyret endres eller brukes på en annen måte enn det er ment for uten etter først å ha konsultert oss og fått godkjenning for dette. We hereby declare that the lifting accessory/equipment indicated above meets the basic health and safety requirements of the Machinery Directive 2006/42/EF in respect of its concept and design. This declaration is invalid if the lifting accessory/equipment is altered or used in application for which it is not intended without prior consultation with us.					
Sted / City	Dato / Date (dd.mm.yy)	Stilling / Position	Navn / Name	Signatur / Signature	
Tananger	24.05.13	Rigger / Kontrollør	Fredrik Tidemand Jensen		

User manual



Ambition snatch block

10.0 Importer

Ambition snatch blocks are imported by:

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Kontinentalveien 24
N-4056 Tananger
Norway

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Fax: +47 51 64 69 91
Web: www.john-dahle.no
E-mail: post@john-dahle.no