

A low-angle shot of a massive ship's hull, painted black above the waterline and red below. A heavy-duty chain hoist is visible on the right side of the hull. The ship is being lifted or moved by a large industrial structure on the right, which includes scaffolding and a control cabin. The sky is overcast with grey clouds.

Air Hoist Solution for Harsh Environments

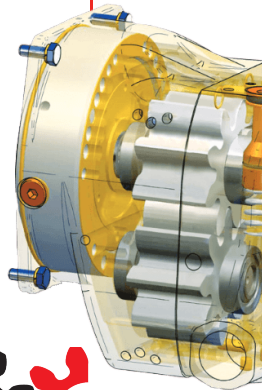
Liftchain® Xtrem™ Series



Liftchain® Xtrem™ Series

100% DUTY CYCLE

- Built-in Air Filter
- Adjustable Air Lubricator
- Progressive speed
- Robust rotary valve
- Load limiter without friction clutch
- Articulated lifting lugs
- Low noise exhaust



Range
from 1
to 25
Ton

Integrated Air Preparation System

Integrated Air Lubricator

- Simple operation with quick set-up, no external FRL unit required
- Easy to refill
- Adjustable flow control screw from setting 0 to 9
- Built-in sight glass for oil level monitoring

Air Filter

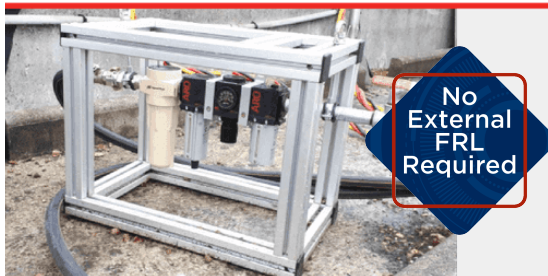
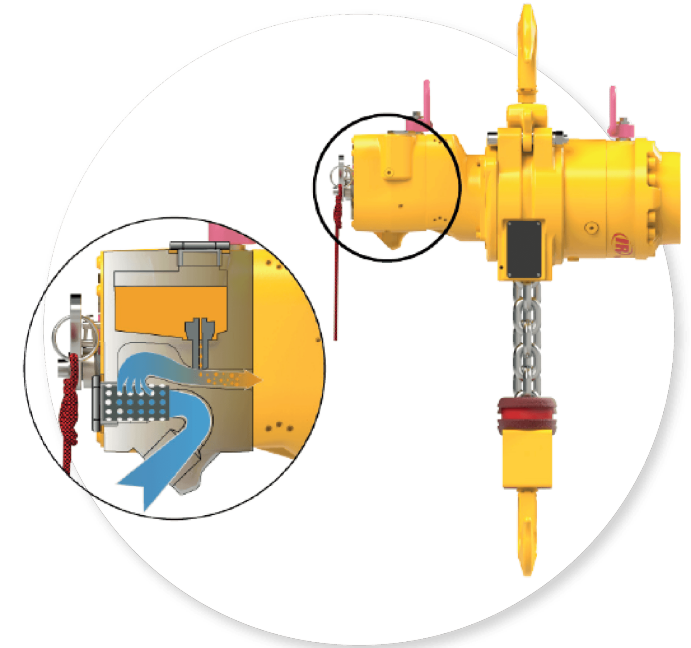
- Integrated air filter captures dust and contaminants from compressed air
- Cleanable for extended use
- Quick and easy to replace

Overload Limitor

- Ensure safe operation by preventing lifting over rated capacity
- Simple and robust design compared to friction-based systems
- Maintenance-free for long term reliability

Enhanced Control Valve

- Made from corrosion-resistant materials
- Reinforced control lever shaft designed to withstand demanding jobsite conditions
- Enables precise and smooth control of lifting and lowering speed



Conventional External FRL Assembly

Traditional installations require a separately mounted filter-regulator-lubricator unit, additional piping, hose routing, and external support structures.

Ready to Lift!

Xtrem series multi-function control bloc includes the air filtration and lubrication, the overload limitation and a robust progressive pull cord control.



Air Filter

The integrated mesh filter is easy to remove and clean, improving system performance, reducing wear and lowering operating costs.



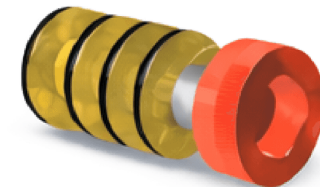
Oil Level Sight Gauge

The oil level sight gauge allows quick and simple daily operation checks.



Air Lubricator

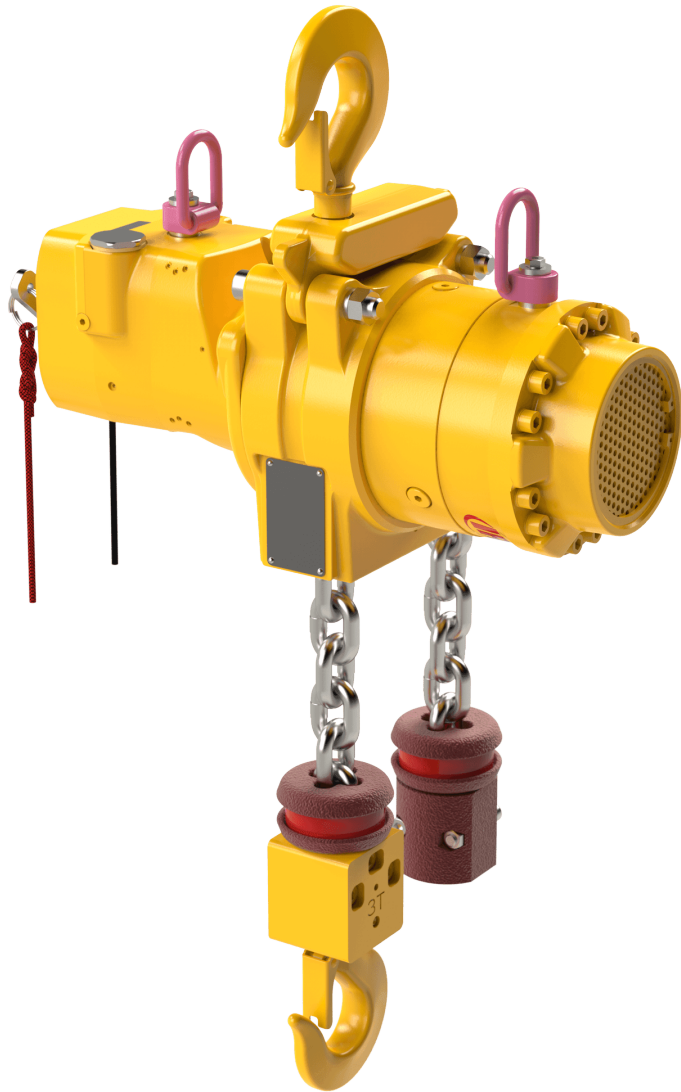
The built-in adjustable air lubricator delivers high reliability in the field and reduces maintenance requirements, installation time, and complexity.



Overload Limiter

The overload limiter, made from corrosion-resistant components, provides a high level of safety, ensuring safety compliance and long-term reliability with reduced maintenance costs.

Ready to Lift!



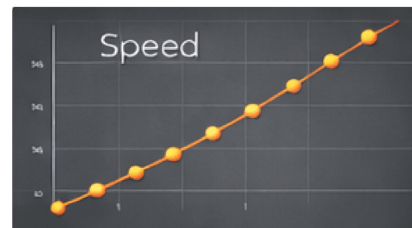
Durable Muffler

The enhanced muffler design ensures low noise levels and a durable, robust construction, for a quiet, safer and operator-friendly workplace - designed for reliability and effortless maintenance.



Articulated Lifting Lugs

Handling and installation of the hoist are safer, more flexible, and easier thanks to the articulated swivel lifting lugs, which keep the top hook free.



Control Valve

A smooth control valve delivers higher operational control through progressive speed control and precise spotting operations, for improved safety and longer product lifetime in demanding applications.

Liftchain® Xtrem™ Series Range

Model number	Rated capacity (T)	Falls of load chain	Motor size (Hp)	Lifting speed at rated load (m/min)	Air inlet size (BSP)	Sound pressure (1) (dbA)	Hoist weight (2) (kg)	Chain size (mm)	Chain weight/ 1 m extra lift (kg)	FEM / ISO Mechanical classification
LC2A Xtrem Series										
LC2A010SIX	1	1	3,5	7,7	1"	78	48	8x24	1,4	1 Am / M4
LC2A015SIX	1,5	1	3,5	6,9	1"	78	48	8x24	1,4	1 Bm / M3
LC2A020DIX	2	2	3,5	3,7	1"	78	68	8x24	2,8	1 Am / M4
LC2A030DIX	3	2	3,5	3,3	1"	78	68	8x24	2,8	1 Bm / M3
LC2A030SIX	3	1	3,5	4,4	1"	76	111	13x36	3,8	1 Am / M4
LC2A040SIX	4	1	6	4,3	1"	76	117	13x36	3,8	1 Bm / M3
LC2A060QIX	6	4	3,5	1,7	1"	78	113	8x24	5,6	1 Bm / M3
LC2A060DIX	6	2	3,5	2,1	1"	78	161	13x36	7,6	1 Am / M4
LC2A080DIX	8	2	6	2,0	1"	76	171	13x36	7,6	1 Bm / M3
LC2A060SIX	6	1	6	2,5	1"	78	165	16x45	5,7	1 Bm/ M3
LC2A120DIX	12	2	6	1,3	1"	78	250	16x45	11,4	1 Bm / M3
LC2A180TIX	18	3	6	0,8	1"	78	396	16x45	17	1 Bm / M3
LC2A250QIX	25	4	6	0,6	1"	78	484	16x45	22,8	1 Bm/ M3

(1) Sound pressure levels are measured per European Standard EN 14492-2

(2) Weight with height of lift of 10 meters

A large, dark-colored ship hull is shown from a low angle, looking up. The hull has a red stripe near the bottom. A semi-transparent red overlay covers the left side of the image, where the text is located. The background shows a cloudy sky and industrial structures.

Thank you for reading
**Air Hoist for Harsh
Environment**