

ENGINEERING EXPERTISE

Over 90 years of cylinder design experience combined with the latest finite element analysis techniques provide the lightweight "fit & forget" C Series.

Edbro offers full application engineering support to all customers, ensuring the most appropriate product for each application and the optimum safety in operation.



Edbro
SETTING THE INDUSTRY STANDARD

Edbro C Series technology has set new industry standards with unique features and unrivalled benefits

UNRIVALLED QUALITY

Extensive on-line quality control systems are employed throughout the manufacturing process to ensure a "fit & forget" cylinder is produced every time.

Every Edbro cylinder is subjected to a final production test at 150% of maximum pressures.

EXTENSIVE RANGE

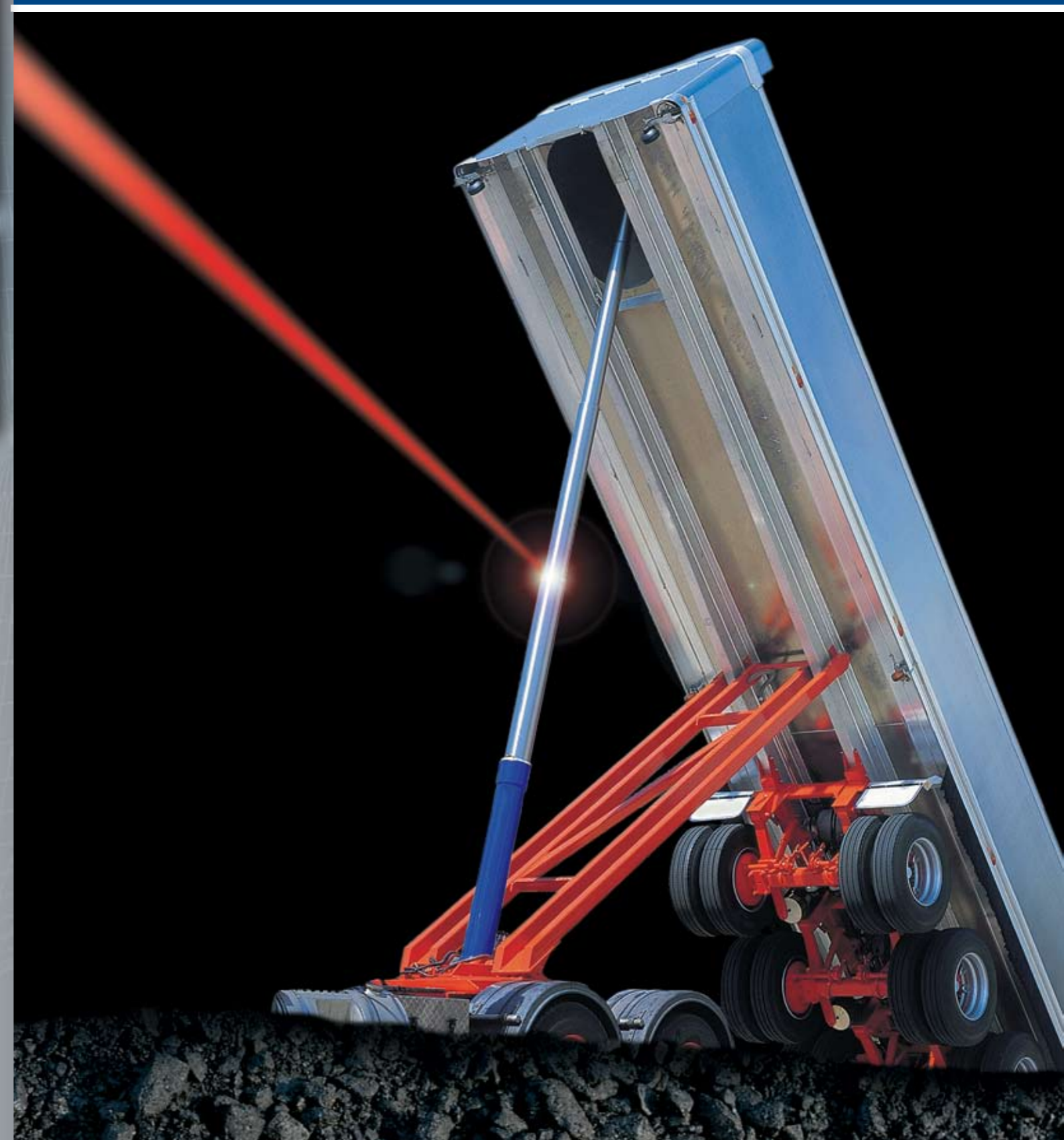
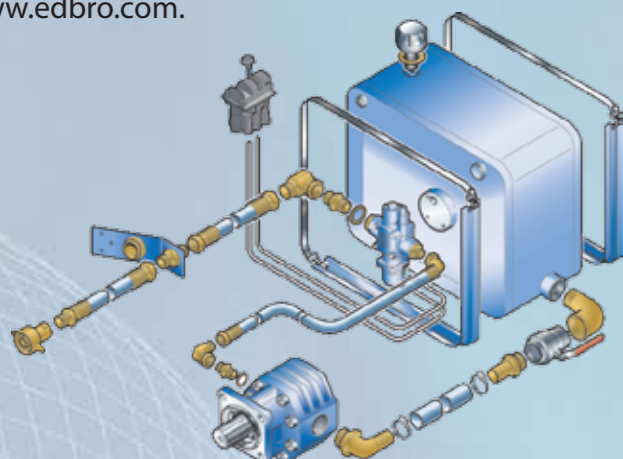
CS cylinders offer up to 70 tonnes lift capacity.

Proven engineering expertise ensures a safe cylinder selection for your application.

For expert advice in selecting the right product for your application, contact the Edbro team.

Application enquiry forms are available online at www.edbro.com.

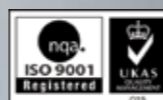
Model code	Lift capacity (tonnes)	Maximum stroke capacity (mm)
CS10	16 - 22	6209
CS11	17 - 24	8471
CS13	18 - 31	8441
CS15	22 - 45	10527
CS17	24 - 60	10483
CS18	35 - 60	10483
CS19	38 - 70	12545



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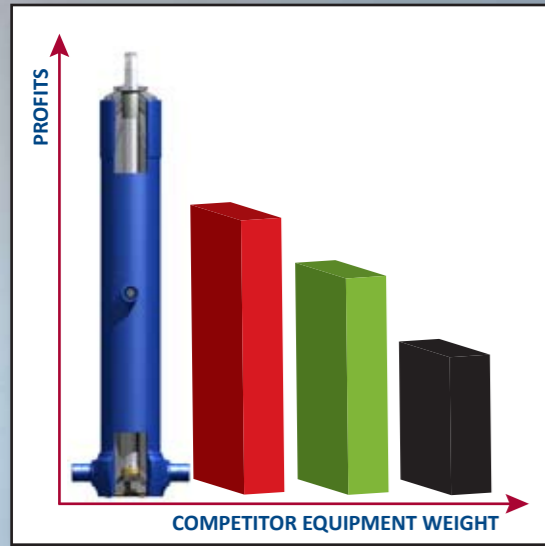
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Rev 30/06/2010

C SERIES TECHNOLOGY

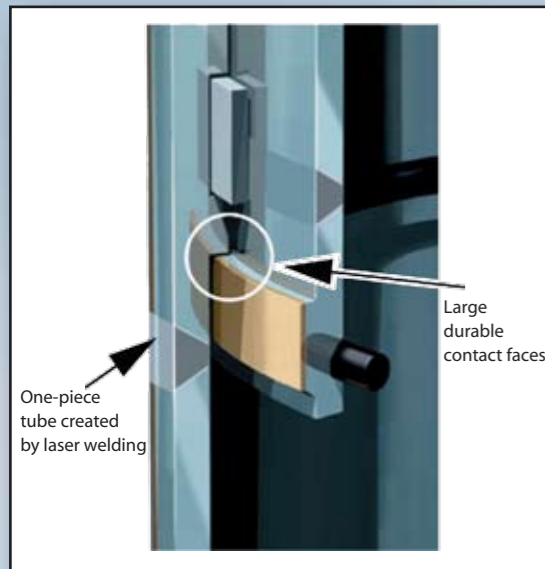
BENEFITS



LIGHTER

Increased Payloads

The world's lightest tipping cylinders providing increased payload and so increased operating profits.



FASTER

Faster Tipping Speeds

One-piece tube construction and increased tube contact faces allow faster tipping speeds.



STRONGER

Increased Lift & Side Load Capacity

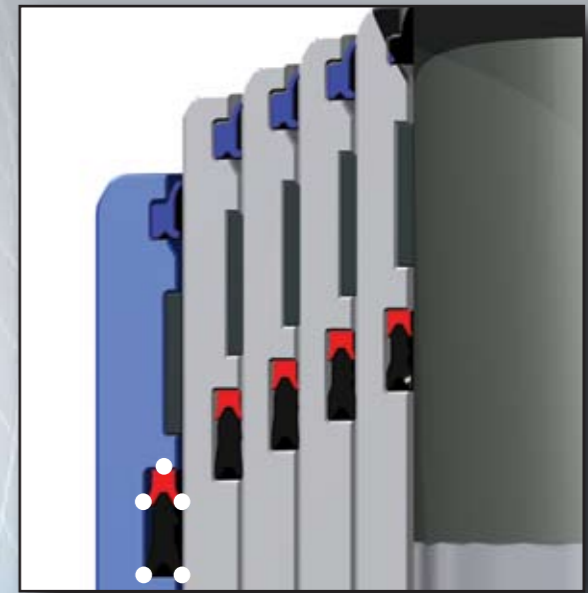
Advanced design and production engineering techniques, including laser welding, provide increased lift capacity and side load resistance. Base tube head section increased by as much as 53%.



FEATURES

Double lip wiper seal ensures efficient lubrication of each tube and prevents contamination of the cylinder.

Unique 5 point sealing system reduces friction for years of smooth, trouble-free operation.



Wear rings made from non-metallic, acetal material provide low friction and long service life.

One-piece tubes with large stop contact faces provide optimum durability for long life and reduced maintenance.



1. Friction welded tube assembly increases strength and fatigue life.

2. Brass slider reduces risk of scoring and damage due to side load.

3. Unique clip and seal arrangement provides long life and ensures easy servicing.

