

Heavy Duty Open Winch Hoists

*Manufactured By
Street Crane Company Limited*



Twin 16t Cranes 140'-0" Span
Vosper Thoneycroft Shipbuilding

TYPICAL HEAVY DUTY OPEN WINCH HOISTING APPLICATIONS

- Steelworks & Mill Cranes
- Smelting and Hot Metal Applications
- Coil Handling (Steel & Aluminium)
- Magnet (plate, section and scrap)
- General Steelstock Holding
- Electro-Hydraulic Grabbing
- Two Drum Bucket Grabbing
- Nuclear and Critical Lift Cranes
- Paper, Pulp and Log Handling
- Power Plant, Turbine Hall Cranes
- Container Handling
- Automotive Die and Press Shop Applications
- Process Integrated and Automatic Cranes
- Ship Building
- Aerospace Industry
- Heavy Fabrication
- Heavy Machine Shop Cranes
- Rotating Hoists
- Low Headroom Hoists
- Mines and Quarries
- Extra High Lifting
- Extra Fast Lifting
- Foundry and Forging
- Refuse Handling
- Ingot Handling
- Dual or Multipoint Lifting
- Petro-Chemical Industries



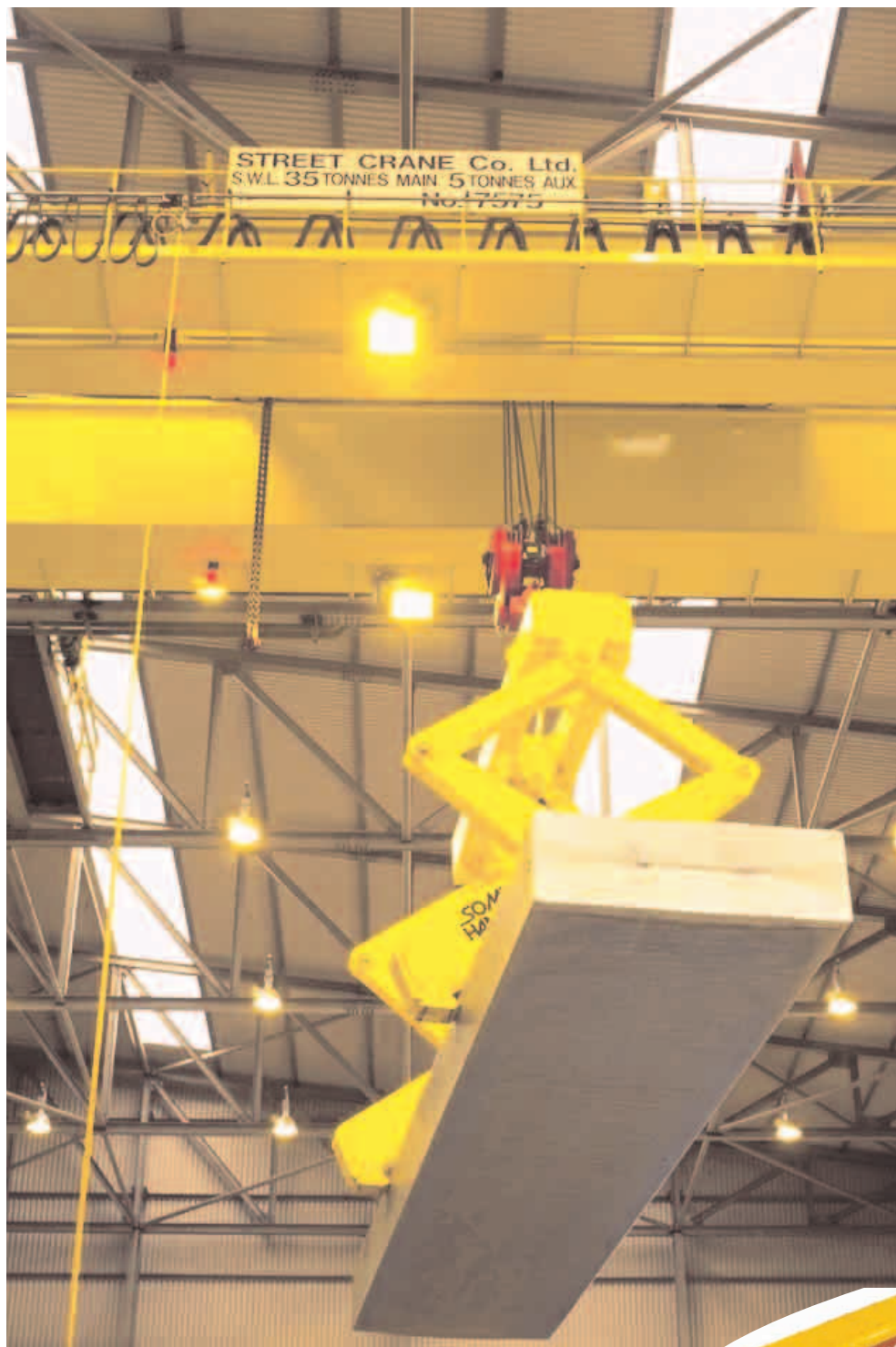
Hoist Assembly

Street Cranes range of open winch hoists epitomise the special quality and performance we can offer those customers who are particularly exacting in their requirements.

Open winch hoists are designed to operate in tough, arduous conditions with high frequency of switching operations. They are rated for higher duty classifications and/or faster lifting speeds than competitor hoists and the open plan design make servicing and maintenance uniquely easy.

True vertical lift is standard, ensuring unprecedented precision throughout the hoisting operation. Open winch hoists are constructed in multiple combinations of drum length, gear ratio and reeving to provide mechanical handling solutions up to 150t safe working load.





35t Main Hoist / 5t Auxiliary Hoist Heavy Duty Ingot Handling
Alcan U.B.C. Recycling

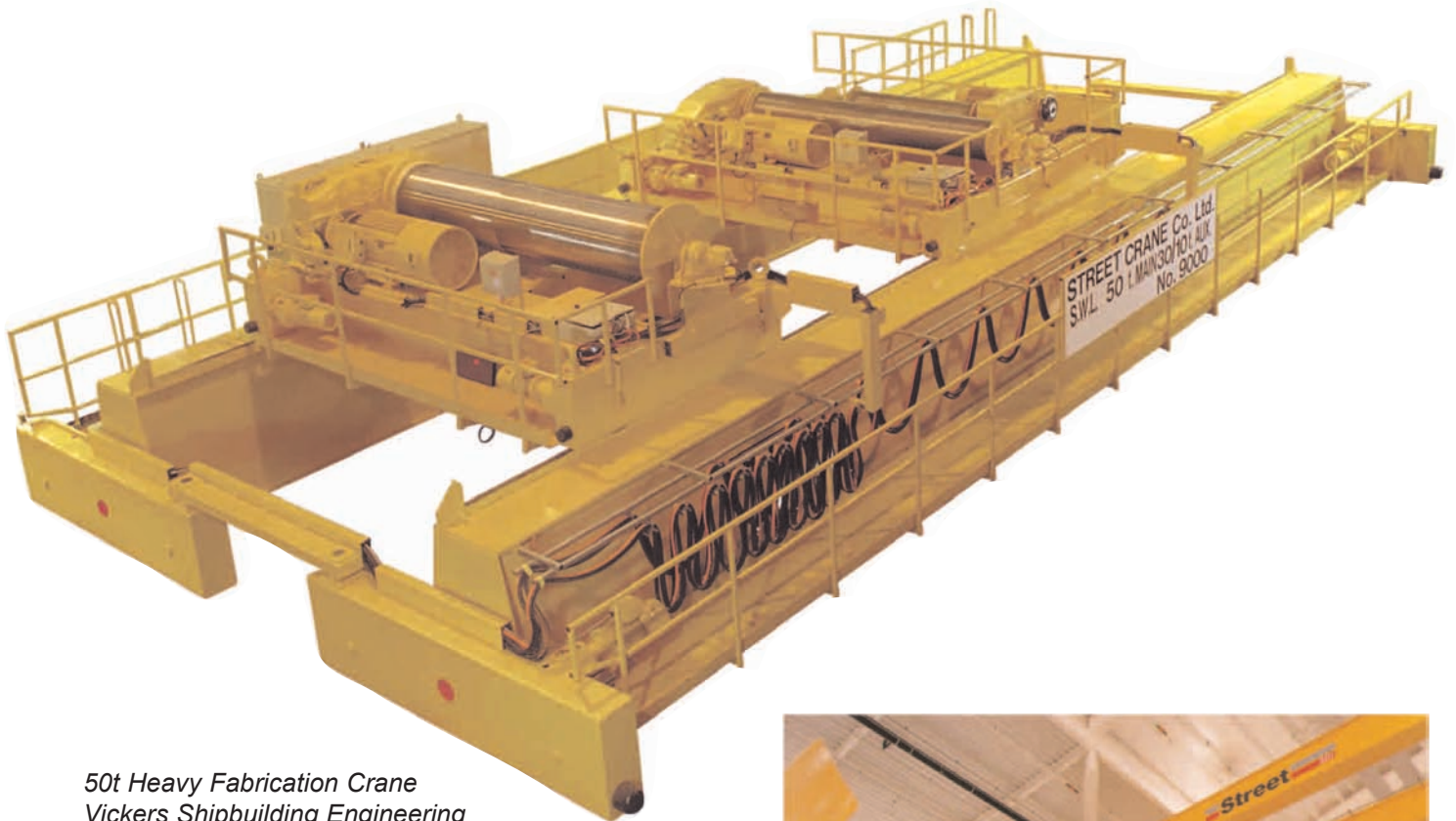
For the very heavy safe working loads, continuous duty cycles and excessive lifting heights associated with some of the most arduous industrial applications and processes, Street Crane offer a standard range of cranes built around the open winch hoists.

The flexible design is ideal for incorporating supplementary equipment and providing process integration to the most exacting specifications.

Modern design technology is combined with the robust construction necessary for reliable heavy lifting. Through high productivity high performance and high precision Street open winch hoists have achieved classic status.



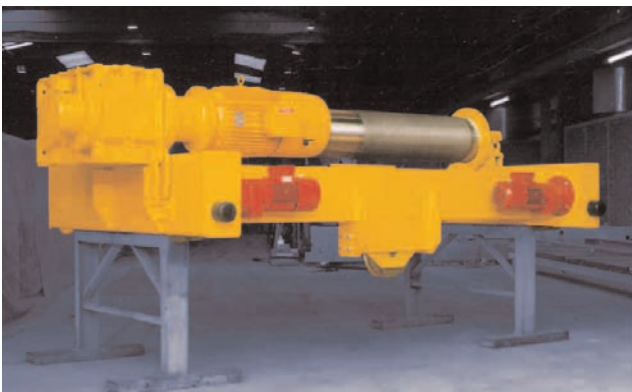
NS4 Open Winch Hoist



50t Heavy Fabrication Crane
Vickers Shipbuilding Engineering

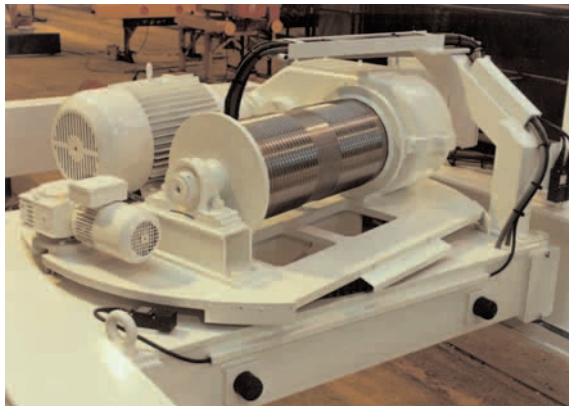


20t Assembly Cranes
Cummins Power Generation



SPECIAL CRANE APPLICATIONS

There are some industrial processes which have such complex handling and safety requirements that it is necessary to design cranes individual for specific applications. Street Crane offer long experience in special and custom built cranes in areas as diverse as handling cores for nuclear reactors, computer controlled furnace charging, magnet cranes, grabbing cranes, power station and steelworks cranes.



*6t Special Application Rotating Hoist
Channel Tunnel*



*10t Cane Grabbing Crane
Mumias Sugar Refining*



*15t Grabbing Crane
H J Enthovens & Sons*

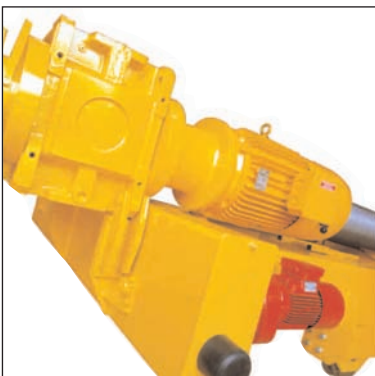


2 No. 35t Tandem Lift Cranes
Cummins Power Generation

Magnet cranes may be employed to lift a wide variety of ferrous metal products. Typically rectangular magnets are used to handle steel sections, plates, bars, billets, castings or fabrications. Rectangular magnets are highly flexible and may be applied individually or in multiples on a beam.



15t Twin Hook Magnet Crane
British Steel





30t Press Shop Crane
Honda (UK)



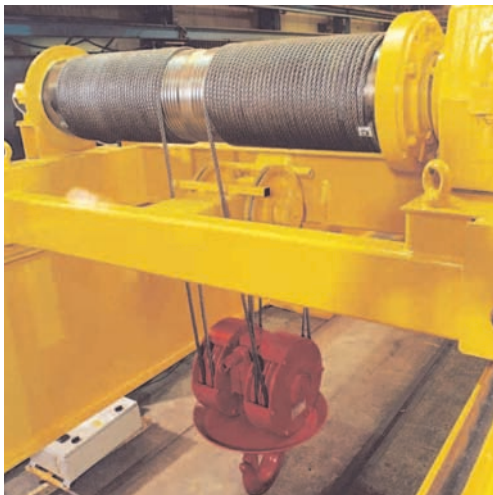
20t Die Handling Crane
Stadco Taco



50t Press Shop Crane
Rover Cars



35t Main Hoist / 5t Auxiliary Hoist Coil Handling
Moss Construction



35t Coil Handling Crane
E.W.S. Limited



10t Magnet Scrap Handling Crane
George Fischer Foundry

Loose bulk scrap is generally handled with circular electro-magnets and a range of small capacity permanent magnets are available for general use.

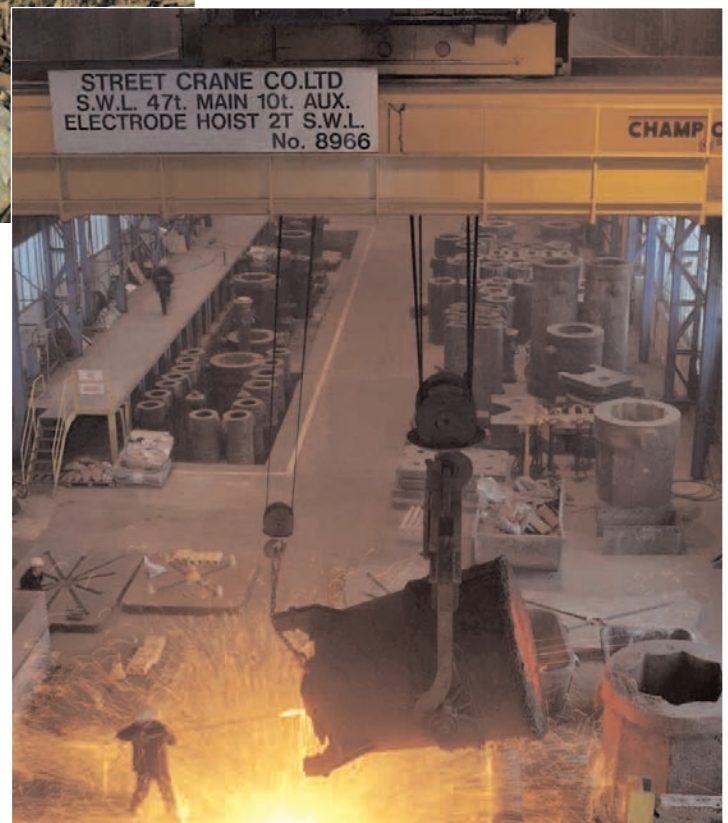


S.C. SMARTLIFT & S.C. SMARTDRIVE SPEED CONTROLLERS

SC Smartdrive and SC Smartlift represent a quantum leap in crane drive technology. A micro-processor allows the continuously variable control of hoist, travel and traverse motor speeds by means of a digital frequency inverter and electric braking module.

STANDARD FEATURES OF S.C. SMARTLIFT

- Programmable hoisting and lowering speeds
- Possibility of slow minimum speeds (up to 1/10th max. speed) for extra sensitive handling
- Possibility of multiple speeds when used with multi-position controllers
- Programmable acceleration and deceleration
- Smooth starting and braking extends the life of the mechanical parts and reduces brake wear
- User friendly LCD display on microprocessor
- Reduced starting currents



47t Ladle Handling Crane
Forgemaster Steel & Engineering

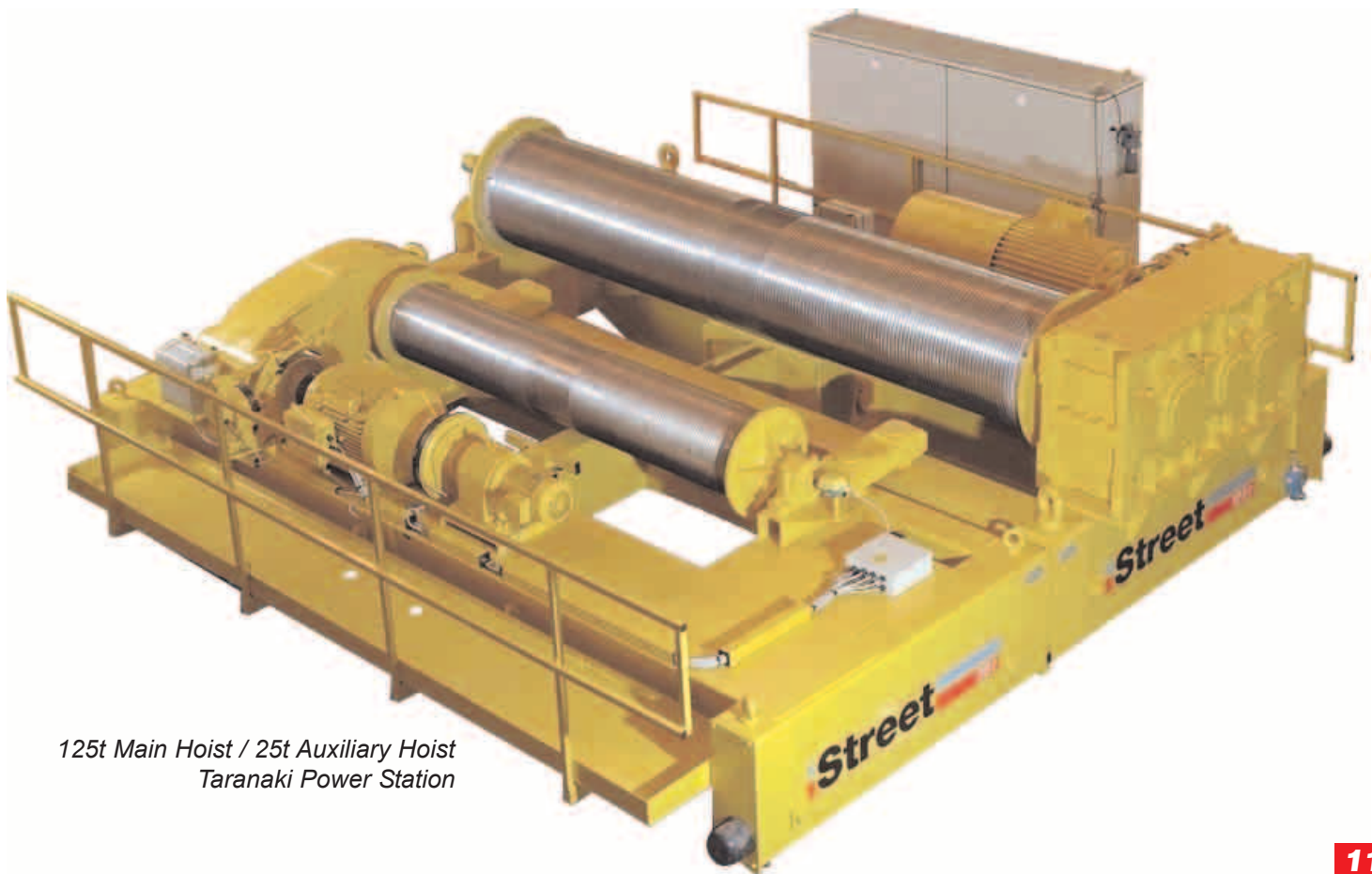


85t Turbine Handling Crane
A.B.B. Power Generation

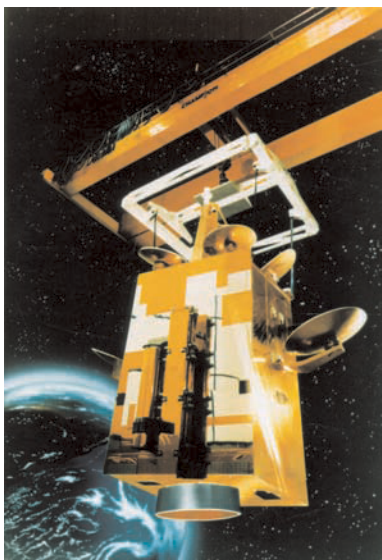


130t Turbine Handling Crane
G.E.C. Alsthom

The Street open winch hoist is ideal for power plant and station cranes where high capacities and high lifts are normal. Street has worked with most of the international power plant suppliers and has applications worldwide.



125t Main Hoist / 25t Auxiliary Hoist
Taranaki Power Station



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ISO. 9001 EN. 29001

Street

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