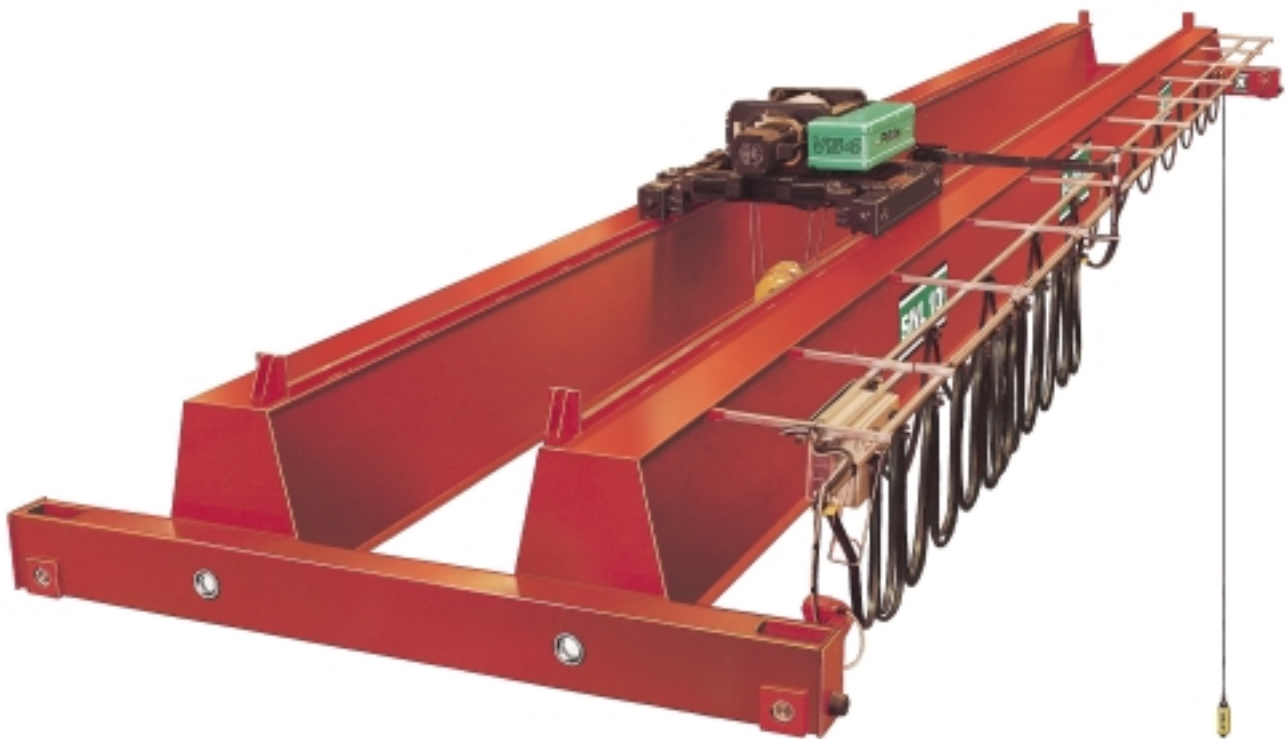


Pelloby

DOUBLE GIRDER CRANES

Pelloby, Britain's most versatile crane manufacturer, offers the most comprehensive range of application specific double girder cranes.

Our advanced design system and meticulous evaluation of all mechanical, structural and electrical components, provides a range of cost effective double girder cranes which offer the best in performance, quality, reliability, service and safety. Special configurations and open barrel designs are available.



- excellence in design
- advanced in technology
- quality in manufacture
- superior in performance

Pelloby double girder cranes are engineered to suit the most arduous of duties and can incorporate a range of options such as maintenance walkways, floodlights etc.

All units incorporate the Pelloby unique **Kinematic Drive** system which is superior to any other standard crane available.



THE PELLOBY ADVANTAGE

HOIST

The standard Pelloby electric wire rope hoist range has compact, low headroom construction offering:

- Accurate construction
- Corrosion resistance
- Energy savings
- Quiet operation
- Increased safety
- Easy servicing
- Long life and reliability
- Electrical protection
- Low maintenance.



LONG TRAVEL DRIVE

The compact twin drive travel system has been specifically developed for crane applications giving:

- Compact design
- Totally enclosed gears for near silent operation
- SG iron double flanged wheels, self-lubricating with rail
- Brake used only for parking and emergency stopping
- Minimal wear and long service life
- High reliability and low maintenance.



CONTROL SYSTEM

The long travel drive incorporates the Pelloby **Kinematic Drive** system which gives fully adjustable slow and fast speeds and any speed in between, allowing the optimum drive characteristics to be selected to suit the application.

This system, unique to Pelloby standard cranes, provides:

- Any fast speed up to the maximum motor rating
- Any slow speed irrespective of fast speed setting
- Flexi-Speed between slow and fast setting

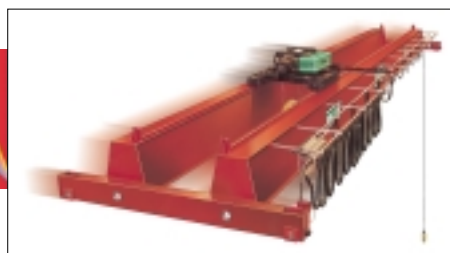


- Variable acceleration and deceleration
- Torque control on starting
- Anti reversal of motors
- Dynamic braking – no brake wear
- Thermal protection of motors
- Load independant characteristics
- Minimal load swing
- High duty

- Self protecting electrical circuits
- Very low maintenance
- Reduced shock loading on gantry and building
- Can be adjusted on site for future requirements.



Diagram shows typical examples of



Kinematic – the science of pure motion!



Pelloby **Kinematic Drive** crane control cycles

CONTROLS

The crane is controlled by a mobile plug in pendant with AB – XY legend plates to correspond with the markers or the crane bridge.

- Simplicity of operation
- Operational flexibility and safety
- Interchangeability.

Optional remote radio or infra red control.



CUSTOMER SERVICE

Pelloby cranes are backed by the best after sales service to ensure that your crane performs in peak



service. We automatically remind you of the next condition and in total safety.