



Planetary Gearboxes. Industrial Gearboxes. Winches. Agricultural Gearboxes. Hydraulic Components. Electric Motors

Design, Selection, Specification, Installation, Commissioning, Support, After sales Service

GSM Power Transmissions UK Ltd

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GSM Power Transmissions UK Ltd offers a wide range of Power Transmission and hydraulic products together with more than 25 years experience. Customers benefit from a single source of products, supply, support and application understanding giving complete “peace of mind”. GSM Power Transmissions UK Ltd offers a full design, installation and commissioning programme to reduce sourcing and overall costs to the customer.



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# Products

## Bevel Helical and Parallel Helical Gearboxes

<b>GP2</b> Tipo riduttore <i>Reduction gear type</i> Type de réducteur Getriebeart	
<b>200</b> Grandezza riduttore <i>Reduction gear size</i> Taille du réducteur Getriebegrösse	
<b>KSD</b> Forma costruttiva <i>Construction</i> Forme de construction Bauform	
<b>010</b> Rapporto di trasmissione. <i>Gear ratio</i> Rapport de transmission Übersetzungsverhältnis	
<b>D180</b> Configurazione entrata <i>Input configuration</i> Configuration de l'entrée Konfiguration Antriebsseite	
<b>FD</b> Eventuale uscita opzionale <i>Possible optional output</i> Sortie éventuelle en option Mögliche Abtriebsoptionen	
<b>XXXX</b> Designazioni speciali ed altre annotazioni <i>Special designations and other entries</i> Désignations spéciales et autres observations Besondere Bezeichnungen und andere Anmerkungen	<p>Per progetti speciali su indicazione del cliente, il codice è seguito da tre cifre progressive assegnate dal ns. Ufficio Tecnico.  <i>For special project under client's request, the code is followed by three progressive figures given by our Technical Department.</i>          Pour des projets spéciaux, sur indication du client, le code est suivi de trois chiffres progressifs assignés par notre Service Technique.          Bei Projekten nach speziellem Kundenwunsch wird der Code am Ende mit drei weiteren fortlaufenden Ziffern gekennzeichnet, die von unserer Technischen Abteilung zugewiesen werden.</p>
<b>B3</b> Posizione di montaggio <i>Assembly position</i> Position de montage Einbaulagen	

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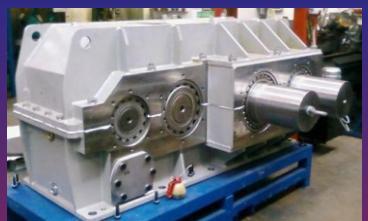
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## App



### The Company

GSM Power Transmissions UK Ltd is conveniently situated in Liversedge, West Yorkshire in close proximity to Jct's 25, 26 and 27 of the M62 and Jct 40 of the M1.

### Sales

GSM Power Transmissions UK Ltd has a full application engineering team qualified to apply the customer's requirements into a fully functioning drive solution. The high levels of support throughout the whole sales experience has resulted in providing drive solutions into numerous market sectors including :-

Marine/Off-Shore

Material Handling

Food and Drink

Transport

Utilities

Quarrying and Mining

Renewables

Oil and Gas

Construction

Industrial and Textiles

Harvesting

Agriculture



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Applications can vary from fractional powers with high ratios and high output torques to high power and high speed outputs. There is a product within the GSM PT UK LTD range to suit all requirements. Carrying a large stock holding in the UK - deliveries can be both convenient and immediate for all eventualities.

GSM PT UK LTD also specialises in the replacement of obsolete, imperial or bespoke gearboxes with a retro-fit solution in order to minimise "on-site" engineering.

The product range allows for "customisation" through the modular design and large number of standard options available.

#### **Repair**

GSM PT UK LTD also offers a 24 hour gearbox repair service and can arrange to collect your worn/failed gearbox from site and overhaul /refurbish it back into good/working condition .

#### **Support**

Once a gearbox has been supplied the support continues with the safeguard of knowing that GSM PT UK LTD are always available in the un-likely event that any repairs should be required in the life-time of the product supplied. These can be either at the customer's/operators site or back at the GSM PT UK LTD extensively equipped workshop in Liversedge.



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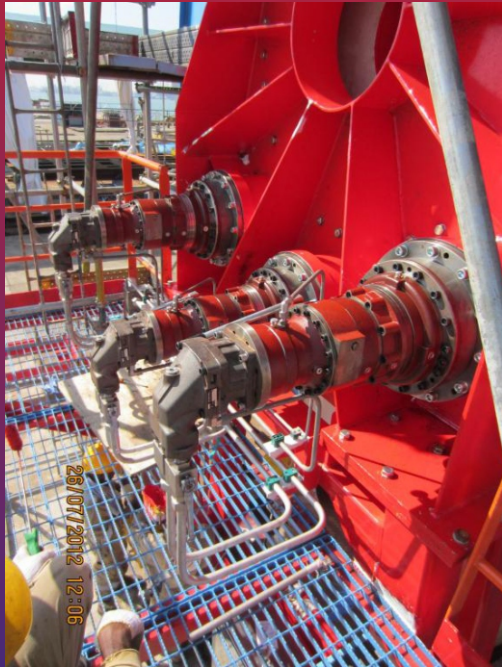
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## Winches



GSM PT UK LTD can supply an “off the shelf” complete winch solution which comprises of a winch drum mounted on a planetary gearbox, with a steel frame/ stand, negative multi-disc brake, hydraulic motor and valve control. All the operator needs to do is fasten the winch down, put the cable on the drum and connect the hydraulics to the power pack.

Similarly with the electric winch range – the winch is supplied with an electric brake-motor.

Additional accessories include grooved drum, cable tension device, spooling and load limit devices.



Large range of standard winch products

Lifting and pulling from 500kg to 50,000kg

Hydraulic, Pneumatic and Electric

Customised winches

Design service



### **Customised Winch Solutions**

It is a fact that sometimes standard winch products will not always be the solution – in these instances GSM PT UK LTD can offer / manufacture a winch to suit specific / unique requirements. The modular design of the Planetary and bevel helical gearboxes allows the flexibility and compactness to produce winches to meet any demand.

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## Customised Drives



The drive solution shown on the left was specifically designed against the customer's existing circa 1966 obsolete gearbox arrangement. The final output torque is well in excess of 100,000Nm and comprises of 2 separate drives. The central drive is for driving the discharge auger at a speed of 20 rpm. The second drive agitates/mixes the 50T of product at a constant steady rate.



The adjacent gearbox drive arrangement was designed specifically against the customer's requirements.

The customer required 2 separate output speed ranges :-16-8rpm and 0.6-0.2rpm.(80:1 overall turndown)

If you have any "special" requirements then please call the team at GSM Power Transmissions UK Ltd.

## Agricultural Gearboxes



GSM Power Transmissions UK Ltd offers a full range of agricultural gearboxes ,clutches, brakes, PTO Shafts and axles. Gearboxes are both speed increasing, speed reducing spiral bevel and spur gear design. Speed changing and off-centre gearboxes are also available for most agricultural applications. Output and input shafts are available in both cylindrical and 6B Splined options as well as hollow shaft mount.

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