

News you can use

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- B&D provides genuine Dominion Gear Drives parts and service

Get your copy of
B&D's
2006

Product and Service
Reference

Email: info@bdmfg.com



B&D Manufacturing is
the only authorized
Canadian Service &
Rebuild Centre.

Authorized Horsburgh & Scott Canadian Service & Rebuild Centre

Helping industry succeed with every turn is B&D Manufacturing's motto and literally rings true as the Canadian Service & Rebuild Centre for Horsburgh & Scott of Cleveland Ohio.

For over 117 years Horsburgh & Scott has built a reputation as a premier design, manufacturer and rebuilder of industrial gears and custom-enclosed gear drives for all resource industries. Service abilities include evaluation and testing, engineered upgrades, on-site assembly and maintenance of any manufacturer's gear drive.

B&D Manufacturing, as the only authorized Horsburgh & Scott Canadian Service & Rebuild Centre, provides Canadian customers experiencing gear drive and/or gear related problems the benefits of a local service without the difficulties and delays associated with shipping through Canada-US customs. As a result, customers enjoy quicker turnarounds that lead to a reduction in downtime and lower overall rebuild costs.

If your operation is having gear related problems, contact B&D for onsite service.

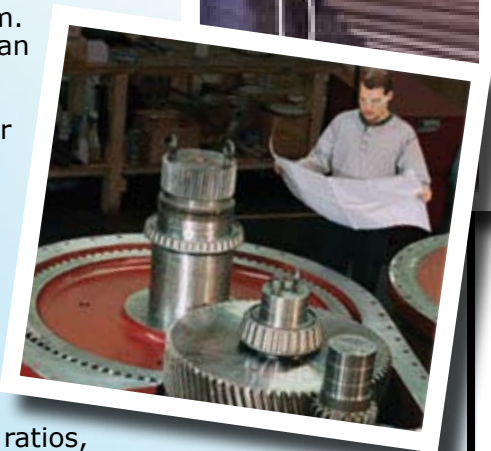
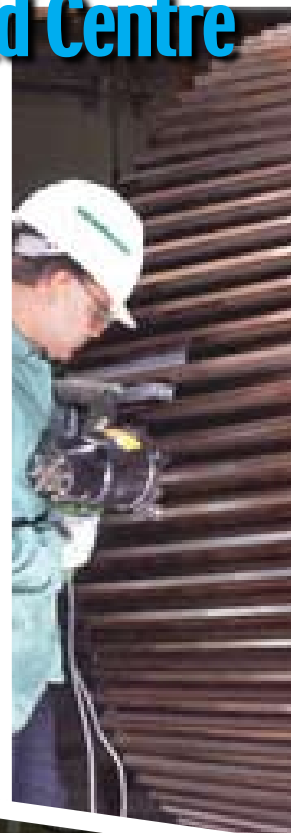
The condition of every part from a used drive is evaluated by a member of the B&D team. Then the in-house certified testing technician inspects any gearing reused in the rebuilt drive including dimensional and gear tooth inspection, ultrasonic, dye penetrant and/or magnetic particle testing. Rebuilt drives are spin tested and final inspected to new enclosed drive standards. B&D can rebuild gear drives of all manufacturers. In addition, B&D provides a one-year warranty on their materials and workmanship for every rebuilt gear drive.

If required, the B&D team with the engineering support of Horsburgh & Scott can provide reverse engineering, changing ratios, problem solving, upgrading any gear drive or supplying a new unit.

Customer service:

Fern Delarosbil - Email: fdelarosbil@sympatico.ca
After hours phone: 705-541-1657
Doug Thompson - Email: doug@bdmfg.com

www.bdmfg.com



Dominion Drives

As a Horsburgh & Scott complete Service & Rebuild Centre, B&D offers complete replacement drive, parts and service and rebuilds for the popular Dominion Drives. Originally designed and built by the now non-existent Dominion Engineering Works Limited out of Montreal, Canada, Dominion Drives for many years have continued to drive machinery across Canada.

DESIGNED & BUILT BY
**DOMINION
ENGINEERING
WORKS LIMITED**
MONTREAL, CANADA

DOMINION DRIVES
H&S is an exclusive supplier
for genuine Dominion Gear Drives
& Parts.

Companies with Dominion Drives can be assured that despite the fact the OEM no longer exists, Horsburgh & Scott is an exclusive supplier for genuine Dominion gear drives and parts and their authorized rebuild centres like B&D Manufacturing are completely equipped and trained to provide the full service required to keep Dominion Drives running and capable.

Single reduction

Types SR and SRT single reduction speed reducers are available in 11 different sizes with standard ratios in the range of 1.5:1 to 9.5:1 and are capable of transmitting torque in excess of 1,000,000 inch pounds.

Double Reduction

Types DR and DRT double reduction units are made in 10 different sizes with ratios ranging from 9:1 to 60:1. These reducers can transmit torques up to 1,400,000 inch pounds and above. Inspection port is provided to facilitate gear examination without dismantling the casing.

Triple Reduction

Types TR and TRT triple reduction speed reducers are available in 10 sizes with the input and output shafts in the same horizontal plane. Ratios from 30:1 to 323:1 are available in this series with torque capacities ranging up to 1,850,000 inch pounds.

Herringbone Gears Result in Balanced Design

Herringbone gears and pinions contribute to the dependability, efficiency, and long life of Dominion parallel shaft speed reducers. This "balanced design" eliminates internally caused axial thrust loads and allows uniform load distribution over the shaft bearings. It allows the use of identical shaft bearings and reduces the stresses on housings and covers.

Type SR and SRT - Single Reduction

All gearing is heat treated for best combination of wear resistance and strength. High helix angles give maximum gear tooth overlap.

Type DR and DRT - Double Reduction

Herringbone gears have teeth cut on gear generators designed specifically for cutting herringbone teeth to ensure maximum accuracy of helix angle.

Type TR and TRT-Triple Reduction

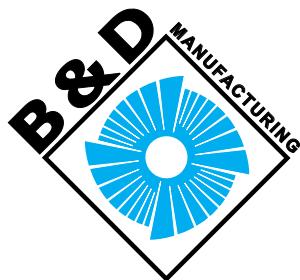
Gearing cut after hardening to ensure maximum accuracy. Floating shaft arrangement ensures full-face contact and even loading of gear teeth.

Keep your operation running and book your onsite gear drive consult today.

Customer service:

Fern Delarosbil - Email: fdelarosbil@sympatico.ca
After hours phone: 705-541-1657

Doug Thompson - Email: doug@bdmfg.com



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