

GRAPHIC DESIGN

Client:

Böhler-Uddeholm Canada

Job Description:

Cover of a 4-page brochure designed to promote their Duplex-Variantic Coatings Services.



BÖHLER UDDEHOLM

Duplex-Variantic[®] Coating

GRAPHIC DESIGN

Description:

Inside 2-page spread of **Böhler-Uddeholm Canada** Duplex-Variantic Coatings brochure.



The Duplex-Variantic® Advantage

BÖHLER-UDDEHOLM offers this high performance coating comprised of a specially developed plasma-nitriding process combined with a low temperature nano-layered PVD coating. Duplex-Variantic was created to eliminate the drawbacks associated with high temperature treatments like TD and CVD processes while providing equivalent performance. Tools can be easily coated and stripped many times to maximize tool life without damage to the substrate.

The unique composition of Duplex-Variantic is ideal for high pressure applications. Adhesive and abrasive wear is significantly reduced providing impressive production enhancements.

Benefits of Duplex-Variantic:

- ▶ Improved Part Quality
- ▶ Higher Productivity
- ▶ Less Down Time
- ▶ Lower Tooling Costs
- ▶ Longer Tooling Life
- ▶ Reduced Lubricant Consumption

Features

The reduced application temperature of Duplex-Variantic ensures that the metallurgical and dimensional characteristics of the coated tool are not compromised. The nano-layer composition greatly reduces stress and improves ductility under high loads. This prevents micro cracks in the film thus increasing coating longevity.

Combined with a dense, fine grain structure Duplex-Variantic offers improved lubricity, high hardness and anti-corrosive properties. The plasma-nitride layers improve the compressive strength of the substrate which results in improved coating support and associated production improvements.

- ▶ High Hardness
- ▶ Wear Resistance
- ▶ Toughness
- ▶ Low Coefficient of Friction
- ▶ Galling Resistance
- ▶ Corrosion Resistance
- ▶ High Temperature Stability

Duplex-Variantic® Coating

Applications

Duplex-Variantic has been proven to offer performance enhancements to tools in many demanding applications. This coating can be applied to all tooling materials including:

- ▶ A2, D2
- ▶ UDDEHOLM CALDIE
- ▶ BÖHLER K340
- ▶ UDDEHOLM SUPERCLEAN® P/M tool steels
- ▶ BÖHLER MICROCLEAR® tool steels and high speed steels
- ▶ Stainless and Carbide

Duplex-Variantic offers excellent performance and protection to properly welded substrates, and has been proven to perform in the following applications:

- ▶ High strength metal forming
- ▶ Non-ferrous metal forming
- ▶ Cold forging
- ▶ Powder compaction
- ▶ Blanking and trimming
- ▶ Piercing
- ▶ Precision stamping and fine blanking
- ▶ Plastic injection molding and extrusion

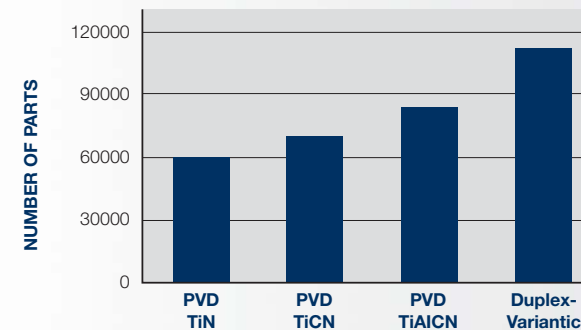
Properties

- ▶ Material: Titanium-Aluminum Carbo Nitride, TiAlCN (multi-layers)
- ▶ Micro-hardness HV 0.05: 3500 ± 500
- ▶ Coefficient of friction against steel 100Cr6: 0.2
- ▶ Layer thickness: "with Duplex" 4-6 µm
- ▶ Maximum application temperature: 800°C/1470°F
- ▶ Colour: Old Rose
- ▶ Plasma nitriding: 0.0002" case depth, zero white layer
- ▶ Advanced adhesion



Performance

Greater than 50% improvement in tooling life over best PVD coating.



D2 forming die, coated with Duplex-Variantic work material: hot rolled 1.0335 steel.

GRAPHIC DESIGN

Client:

CPC Pumps International

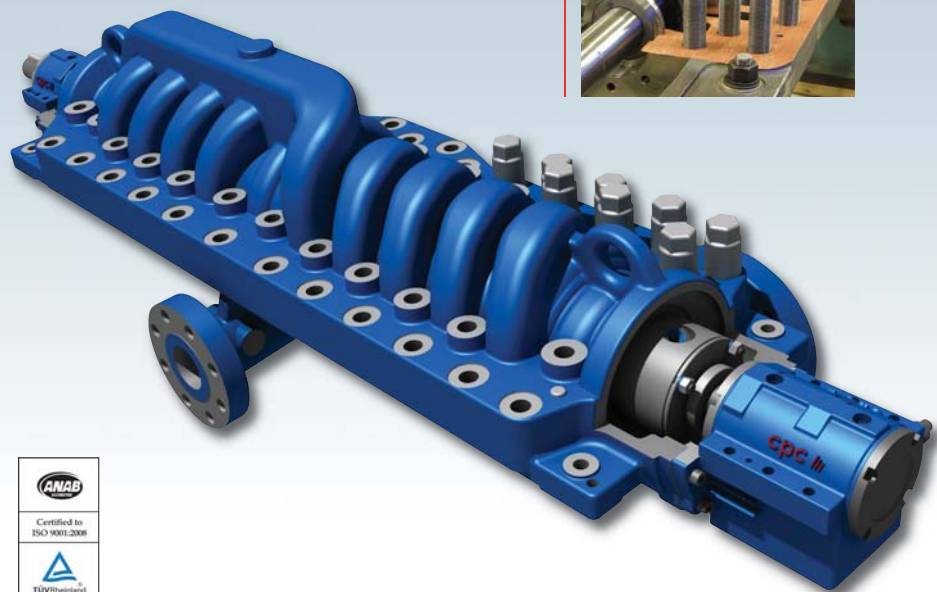
Job Description:

Cover of a 6-page brochure designed to promote the HM/HMD Multistage series of petroleum pumps.



CPC Pumps Model HM/HMD

API 610/ISO 13709, TYPE BB3
Axially Split Multistage Pump



GRAPHIC DESIGN

Description:

Inside 2-page spread of **CPC Pumps International** HM/HMD multistage pumps brochure.



Operating Parameters:

- Flow rate in excess of 4,400 USGPM (1,000 m³/h).
- Differential heads up to 5,600 FT (1,700 m).
- Temperatures up to 400 Deg. F (200 Deg. C).
- Standard Design Working Pressure of 2,250 PSIG (15,000 kpag).

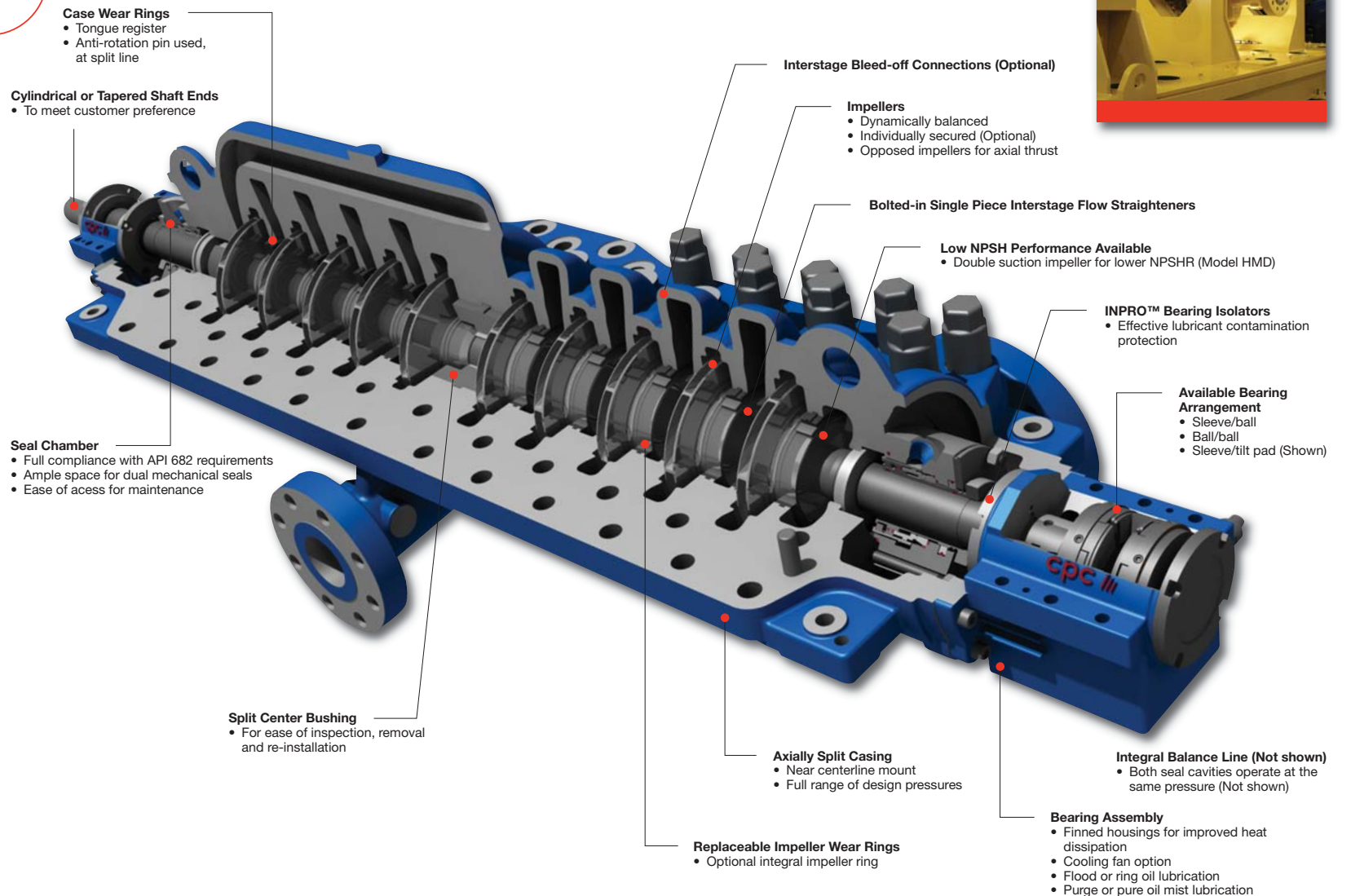
Standard Features:

- Wide hydraulic coverage.
- Application tailored hydraulic selections.
- 600/900/1500# flange ratings.
- Available in all API 610 Table H.1 materials.
- Hydraulically opposed impeller arrangement for thrust balancing.
- Axially split, precision milled parting flanges.
- Split case wear rings and center bushings for ease of maintenance.
- Integral balance line.
- Rigid design shaft for minimal deflection to meet and exceed API 610 requirements.
- Inpro/Seal bearing housing closures.
- Heavy Duty baseplate, drip rim or drip pan designs.

Optional Features:

- High pressure special casing design.
- Positive retention of impellers in both directions.
- Fan/Heat-sink bearing housing cooling arrangement for operation at elevated temperatures, to eliminate the need for cooling water.
- Magnetic bearing housing isolators.
- All bearing combination arrangements are available where suitable: Ball/Ball, Sleeve/Ball, Tilt Pad/Sleeve.

Model HM/HMD



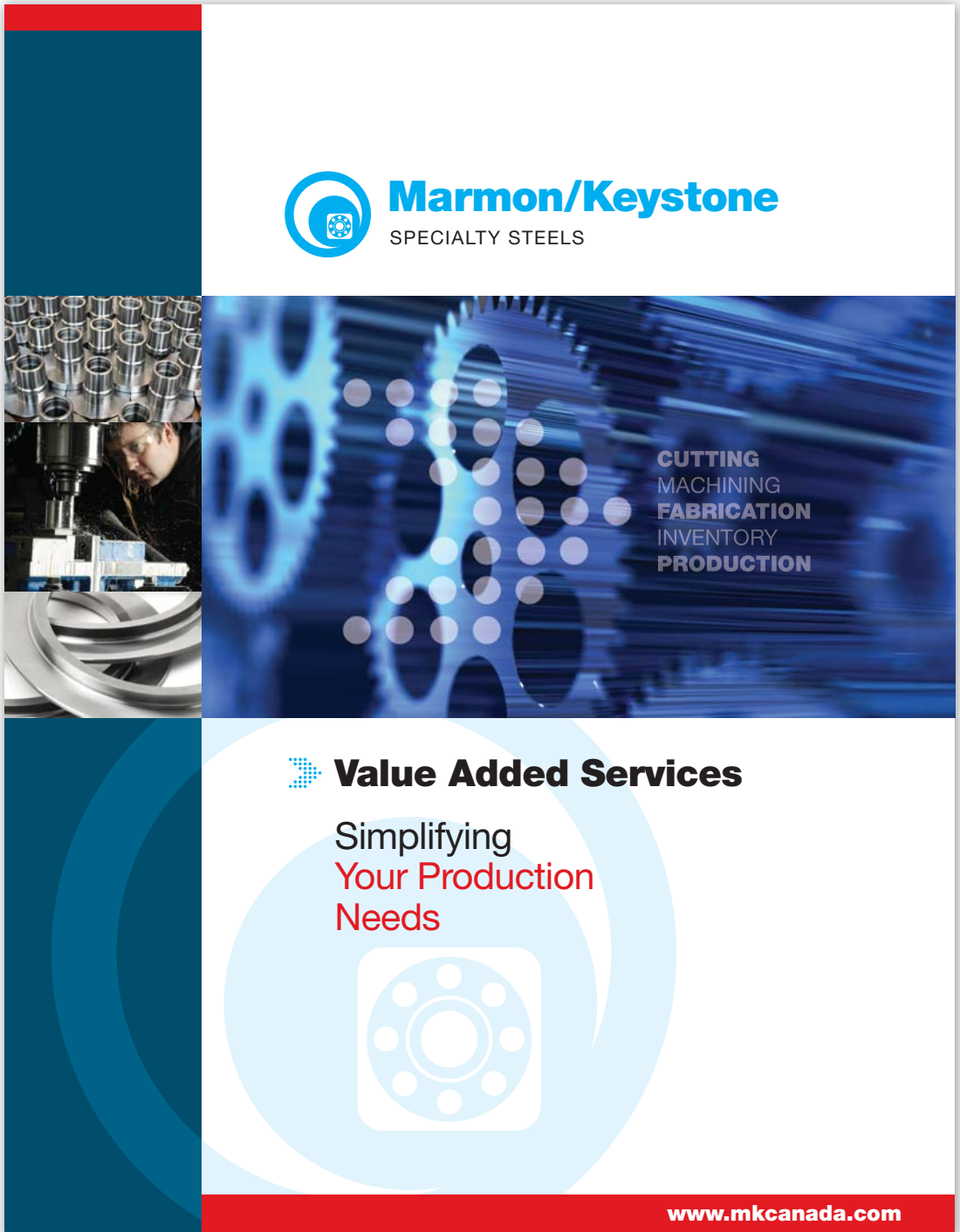
GRAPHIC DESIGN

Client:

Marmon/Keystone Canada

Job Description:

Cover of a 4-page brochure designed to promote their Value Added Services.



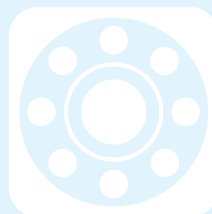
Marmon/Keystone

SPECIALTY STEELS

**CUTTING
MACHINING
FABRICATION
INVENTORY
PRODUCTION**

 **Value Added Services**

Simplifying
**Your Production
Needs**



GRAPHIC DESIGN

Description:

Inside 2-page spread of **Marmon/Keystone Canada** Value Added Services brochure.



Flexible solutions for your business needs

Reduce your manufacturing costs and capital expenditures; improve your inventory control and productivity by letting Marmon/Keystone or Specialty Steels handle **manufactured parts** for you. From anodizing to fabrication, laser cutting to welding, our Canadian facilities can get the job done efficiently, cost effectively and on time.

Contact one of our experienced staff to review your requirements and provide that **Value Added Solution**.

CONNECTING YOUR BUSINESS WITH THE VALUE ADDED SOLUTIONS YOU NEED



VALUE ADDED BENEFITS

- Completely manufactured parts
- Single source
- One purchase order
- Inventory cost control
- Semi finished parts
- Reduce your floor space
- Cost's are reduced
- Elimination of process "Bottle Necks"

CUSTOMER SURVEY RESULTS

- Marmon/Keystone's Value Added Program has **reduced our item cost by as much as 25%**.
- **100% of our customers would recommend us to other companies** to handle their manufactured part requirements.
- **Our customers are 100% satisfied with the quality of Marmon/Keystone Value Added Products** supplied.

INVENTORY MANAGEMENT

- Let us manage your inventory and ship to you as you require it... **Just in Time.**
- We believe in **partnering with our customers** in providing **Value Added Services**. These partnerships are mutually beneficial AND help forge strong working relationships.



CUSTOM SOLUTIONS

The **Value Added Solutions** that best works for your business plans is just around the corner. **Contact us today.**

TYPICAL SERVICES OFFERED

- ANODIZING
- BAR CODING
- BENDING
- BEVELING
- BORING
- CENTERLESS GRINDING
- CHAMFERING
- DEBURRING
- DRILLING
- FABRICATION
- GROOVE (ID & OD)
- HEAT TREATING
- HONING
- LASER CUTTING
- MACHINING
- PRODUCTION CUTTING
- MITRE CUTTING
- SHOT BLASTING
- WATER JET CUTTING

OTHER SERVICES AVAILABLE



All **Value Added Services** are also available through our Specialty Steels division... **Specializing in Stainless Steel.**

GRAPHIC DESIGN

Client:

Clevelands House Resort

Job Description:

Cover of a 4-page brochure designed to promote the resort hotel as a conference meeting destination.



GRAPHIC DESIGN

Description:

Inside 2-page spread of **Clevelands House Resort** conference facilities brochure.



The Ideal Conference Resort

Whoever said that you can't mix business with pleasure has never had an experience at Clevelands House. There are sometimes astonishing results when you take people out of their day-to-day setting, and transport them to the impressive Clevelands House Estate. All benefit from the creativity that can be coaxed from stimulated minds in one of our conference areas.

For groups of up to 375, Clevelands House has the ambience and attention to detail that will make your conference or convention both memorable and highly productive. Established in 1869 as a conference centre, Clevelands House is also well regarded as a family vacation haven. We don't rest on our considerable laurels so that we remain one of the top conference and convention resorts. With the changing times of the fast paced modern world, we constantly update our facilities to ensure that your every requirement is met, from the technical needs of your conference to the comfort of our rooms and our wide variety of menu choices from our ever-creative chef. The 15 meeting and break-out rooms with all the facilities you need for your meeting success, are easily converted to appealing hospitality areas at the end of the workday.

As would be expected at this much re-visited resort, all guest rooms at Clevelands House are fully broadloomed and air conditioned, with a refrigerator, television and a telephone. If you need to touch base with the outside world via fax or e-mail, we can accommodate those requirements from various wireless centres on the premises. If any of your group have special dietary needs or food allergies, our chef will gladly sit down with you to plan attractive menu alternatives. A crowning glory in your stay at Clevelands House is our wide selection of mouth watering delights for the most discerning pallet. From the morning's first meal to the evening's last cup of coffee, we promise to dazzle you with our innovative culinary creations. It's all part of a conference package that is second to none.

Your personally assigned Reservations Coordinator will arrange to have all room requirements fulfilled to your total satisfaction.

The specific areas our professional teams work with you on are:

- Room assignments.
- Menu planning.
- Recreation and entertainment.
- Special themed events.
- Meeting room/Audio visual needs.
- Transportation.
- Detailed billing.

With our enthusiasm and your team-effort you are sure to experience a conference that measures up to your every expectation. At Clevelands House we always give 100% to meet and surpass your every need for the length of your stay.

Conference Facilities

We Take Care of Everything
There's a lot to think about when planning a conference with a number of possible venues. You want the business side of the conference to be highly productive, and the social side to be highly enjoyable. Whether it is your first conference with your group or your 25th, getting Clevelands Houses' expert staff involved in the planning process smoothes the path to a successful outcome. Staying within an assigned budget is paramount and our Director of Sales will go over in detail every phase of your stay with us and the costs involved so there are no surprises at the end of the day. Your other key contact is the Director of Operations who details with you the day-to-day requirements including the visual or audio needs you may have for conference or break-out room activities. Assistance on any project is just a phone call away with immediate response to your needs.

Recreation and Entertainment

Golf and Tennis: Part of the magic of Clevelands House is how quickly we can move our guests from the workplace of the conference business schedule to the physical outlet of golf or tennis. Whether expert or novice, the tennis buff will find ample opportunity for fun and competition on one of our 16 tennis courts - 2 with night lighting.

For the golfing enthusiast we offer the challenge of our own 9-hole Maple Hills Golf Course, or the accessibility of Muskoka's newest 18-hole championship golf course "The Rock" designed by Nick Faldo. Our corporate guests also have access to our membership at the exclusive "Port Carling Golf & Country Club" just 10 minutes away.

Other Activities: If the lure of golf or tennis is not your particular choice, we have a myriad of other activities that you can select from. They include boats, float plane rides, boat cruises aboard the R.M.S. Segwun, hiking, wine tasting seminars, on-site casino nights and many sporting activities both indoor and outdoor. A complete list of choices is available on our website and from our Social Director.

A very different pursuit is Experiential Training and Team Bonding. We work in concert with two partners to offer a unique combination of mental and physical challenges to build self-confidence and teamwork, resulting in a great experience that brings positive results.

Food and Beverage

If fame did not pursue us in all of the other major offerings of Clevelands House (but fortunately it does!), then guests would come for the dining experience alone. Our food and wine selection is as varied as it is delectable, and in the hands of our chef and his staff, masterful creations are everyday events. Our service includes working closely with you on special requirements such as working lunches, refreshment breaks or planned barbeques. Our Food & Beverage Team will help you plan for every food related occasion including boat cruise dinners or special banquets. We cook to rave reviews!

Facilities: Here are more "amenities" that make Clevelands House the first choice of conference selectors in Ontario.

- 1600 square feet indoor exercise facility and sauna.
- Heated pools and hot tubs.
- Pro shop.
- Barbeque pavilion accommodating up to 300 people. Great for theme nights and special events.
- Health and Wellness services; including swedish massage, deep tissue/sports massage, hot stones massage and aromatherapy massage. We also provide esthetics services such as manicures, pedicures and facials.

GRAPHIC DESIGN

Client:

**InTouch Assessment
Centres Ltd.**

Job Description:

Cover of a Presentation
Folder designed to promote
the medical insurance
assessment companies
services.



Quality is our priority,
keeping **InTouch** is our
promise!



InTouch Assessment Centres Ltd.

InTouch

MEDICAL RECORD

GRAPHIC DESIGN

Description:

Inside spread of **InTouch Assessment Centres Ltd.** Presentation Folder.



The *InTouch* Advantage

Keeping InTouch ensures superior claims management

Providing the insurance industry everything needed to make efficient, cost effective decisions with all types of claims



Who we are

InTouch Assessment Centres Ltd. is a dynamic company whose purpose is to provide our valued clients from across Canada with the highest quality service and claims management. Quality Reports, Cost Effectiveness, Time Sensitivity, State-of-the-Art Security Encryption and Technological Tools, Professionalism, Unparalleled Customer Service are the foundation on which our company has been built. We have developed a state-of-the-art security encryption system ensuring that your documents will not be compromised. InTouch Assessment Centres has a strong professional network of doctors and therapists within Ontario and is affiliated with multidisciplinary clinics and assessment centres from across the country. Our roster of medical experts is extensive and continues to grow as we search out Canada's top physicians and therapists, making their expertise available to you, our client. Our onsite medical staff monitor all files and documents that you entrust into our care, ensuring that your questions are sufficiently answered within the scope of practice for the specific doctor or therapist. The final report is delivered to you within the legislated guidelines. At InTouch, our goal is to assist you in becoming more productive, to maximize your savings and to establish superior claims management principals.



We are known for:

- Quality Reports
- Cost Effectiveness
- Time Sensitivity
- State-of-the-Art Security Encryption and Technological Tools
- Professionalism
- Unparalleled Customer Service

Our services include:

Independent Medical Examinations (all disciplines), Pre-Claim Evaluations, Functional Capacity Evaluations, In-Home Evaluations, Job Site Analysis, Physical Demand Analysis, Vocational Evaluations, Arranging of Interpreters and Transportation

Our roster:

Neurologists, Psychiatrists, Occupational Therapists, Psychologists, Psychiatrists, Chiropractors, Massage Therapists, Medical Doctors, Dentists, Paediatricians, Vocational Consultants, Speech Pathologists, Orthopaedic Surgeons, Neuropsychologists, Physiotherapists, Registered Social Workers, Nurses, Nurse Practitioners, Occupational Doctors



GRAPHIC DESIGN

Client:

IMT

Job Description:

Cover of a 4-page corporate brochure designed to promote the company as a world class truck axle manufacturer.



GRAPHIC DESIGN

Job Description:

Inside 2-page spread of
IMT corporate brochure.



INGERSOLL
AXLES-IMT

THROUGH OUR UNIQUE INTEGRATED PROCESS, IMT PROVIDES EXACTING COMPONENTS TO THE GLOBAL MARKETPLACE.

IMT has been supplying axles to the heavy truck industry for over 40 years. Marketed under the "Ingersoll Axle" brand, our products are recognized around the world for the finest quality and the largest selection of axle configurations serving specialty and standard trailer OEMs. An ISO 9001/2000 registered company, our fully integrated manufacturing technology is to exacting standards and to our customers' specifications every time. The ability to react quickly to both customer requirements and market conditions is second to none due to state-of-the-art cellular manufacturing concepts combined with just-in-time philosophy and rapid change techniques (RCT). This type of flexibility is what makes IMT unique in the marketplace and gives our customers advantages that simply cannot be found anywhere else. Located just west of Toronto, Canada, IMT serves customers in North America, South America, Central America, Europe, Australia and New Zealand.



INGERSOLL TRAILER AXLES

Features available from IMT:

1. High strength, heat treated, stress relieved, seamless axle tubing.
2. Forged, precision machined and induction heat treated spindles with the tightest journal tolerances in the industry.

3. Forged brake spiders for increased strength and durability with quick change brake option as IMT standard.
4. Unlimited axle configurations for any application.

WARRANTY

IMT warrants the Ingersoll axle tube, spindle, spiders, air chamber brackets and cam brackets, when properly assembled and installed to IMT procedures, to be free of defect in material and workmanship under normal use and service for a period of sixty months from the date of shipment to the original purchaser. The responsibility under this warranty is limited to the replacement or reconditioning of defective parts at no charge. Such parts are to be returned, prepaid to IMT subject to our inspection, or the inspection in the field by an authorized representative of the company. The warranty is null and void if the products are subject to damage as a result of abuse, negligence or accident and, in the case of self-steering axles, if the engineering approval number is not supplied.



The responsibility under this warranty is limited to the replacement or reconditioning of defective parts at no charge. Such parts are to be returned, prepaid to IMT subject to our inspection, or the inspection in the field by an authorized representative of the Company. The warranty is limited for normal on highway or approved applications only and is null and void if the products are subject to improper installation damage as a result of abuse, negligence, improper maintenance or incorrect application including, but not limited to, loading beyond the specified maximum vehicle weight. Brake linings, shoes, camshafts, bushings, bearings, seals, and all other wearable components are not included in this warranty and will be subject to the original equipment manufacturer's warranty. There is no other warranty, express or implied, on behalf of IMT. In no event shall IMT be liable for incidental, consequential or indirect damages of any kind including but not limited to labour towing charges, down time expenses, cargo damages or other losses resulting from a defective component covered under this warranty. An IMT Return Material Authorization number must be obtained prior to the claim being processed.

A.T.L.A.S. LIFETIME WARRANTY

IMT warrants the Ingersoll "A.T.L.A.S." axle tube, and spindles when properly assembled and installed to IMT procedures to be free of defect in material and workmanship under normal use and service for the life of the axle from the date of shipment



AXLE PRODUCTS