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Buy and Win!
Total Station
sales promotion
now on



New Flexline
Total Station
now available



Strong start to
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for Machine
Control systems



New mining
agencies from
Leica and MDL



PowerDigger 3D:
New standard
for 3D excavator
guidance



Sharp prices on
Single and Dual
Grade Lasers



See our new
hire rates for
Lasers

TOTAL STATION SALES PROMOTION >>



Purchase any Leica Total Station before the 31st of March 2009 and go into the draw for a travel voucher to the value of NZ \$3000, redeemable at any Flight Centre within New Zealand.

Receive a demonstration of any Total Station before the 31st of March 2009 and you go into the draw for a Tru-Pulse 200 Laser Range Finder.



Contact Global Survey on either 0800 452 737 or email info@globalsurvey.co.nz to arrange for your demonstration today.

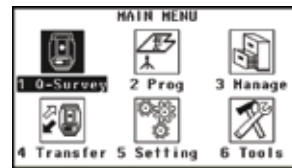
NEW FLEXLINE TOTAL STATION >>

THE NEW GENERATION OF TOTAL STATIONS ARE HERE.

Incorporating the very latest developments in technology, with legendary Leica quality, the FlexLine family of Total Station provide you with complete flexibility and performance.

- **Completely scalable / flexible**
Pay only for what you use with upgrade paths to add new features later when you need them.
- **Industry first innovations**
Features like USB, long-range Bluetooth (for data-loggers, or download) and more advanced (alpha-numeric) keyboards can be added later to even the most basic instrument.
- **Built for speed**
With the industries best performing Infrared and Reflectorless EDM combined with clamp-free drives, quick measurement trigger, and a wide range of application programs and a 20-hour battery life you'll be more productive than ever before with your Flexline instrument.... Guaranteed.
- **3 models available with an upgrade path between them**
Whether you are on a tight budget or just need a simple instrument (TS02), or you want an instrument which is fast, accurate and meets all your surveying requirements (TS06), or you want all the bells and whistles (TS09), there is a Flexline instrument to meet your needs.

- **3 reflectorless ranges**
Within each model you have the choice of the short range Flex-point reflectorless, the everyday Power models (400m), or the longest range Ultra (1000m). All Reflectorless EDM's feature Leica's patented pinpoint reflectorless technology with smallest spot-size and best accuracy.
- **Flexible interfacing**
Your choice of serial, USB cable, USB memory stick or Bluetooth to upload and download data. Flexline combines with all leading software on the market and supports both DXF and LandXML with no intermediate software required.
- **Flexible programs**
Flexline comes standard with a host of programs for your everyday surveying tasks as well as having optional programs for road setout and traverse reduction.



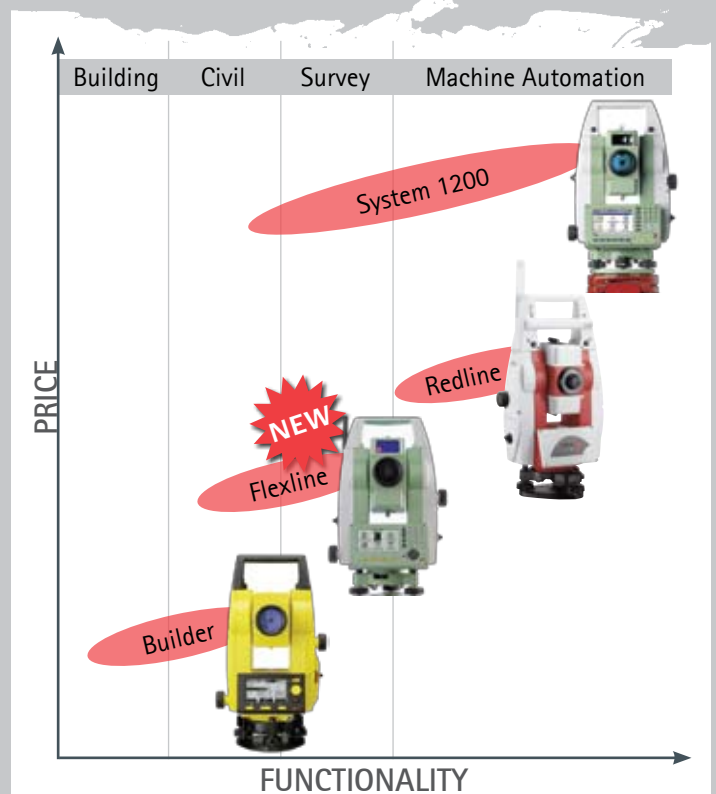
NEW LEICA FLEXLINE – AS FLEXIBLE AS YOU ARE. THE CHOICE IS YOURS.



- 1. Data Transfer Options**
Bluetooth® wireless; Removable USB stick; Via Cable (MiniUSB, RS232)
- 2. Angular Accuracy Options**
1", 2", 3", 5", 7"
- 3. Software Options**
Easy interface to 12d, Civilcad and others; LandXML and DXF; On board applications including traverse adjustment
- 4. Standard Laser Plummet**

- 5. Optional Additional Features** e.g. EGL
- 6. Standard EDM + Reflectorless Distance Measurement Options**
FlexPoint, 30m; PinPoint – Power, > 400m; PinPoint – Ultra, >1000m
- 7. Keyboard Options**
Standard; Alpha-numerical; 1 or 2 face plates

WHICH LEICA TOTAL STATION IS RIGHT FOR YOU?



STRONG START TO THE NEW SEASON >>

While the Government opens their books to plenty of red ink and the economy has contracted over the last couple of quarters, there are plenty of you out there getting on with the job.

How do we know this?

Easy, we've had to employ more staff to cope. Due to the strong demand we've had for Machine Control, we've had to employ new people to meet the demand. Most of you in the South Island will know Barry McGee, who's been with us since Adam was a cowboy. He's been that busy we have added Peter Cox as a Machine Control Specialist to take on the overflow.



Peter comes to us from Geotech Systems and before that he had his own agricultural contracting business.

As well as adding new staff to our office in Christchurch, they are now equipped to handle laser calibrations for rotating lasers and pipe lasers. Calibrations will be completed in 24 hours and will not require freight to Auckland. Backup equipment is normally available if required – call Bronwyn on 03 343 3422 to make arrangements.

While in the North Island, we've added a dedicated Machine Control installer to allow Bryce Henry more time to get out and sell the products.

The new range of PowerDigger and PowerGrade products have been well received by the industry with many of the new systems already having been fitted.

GIDEON CONTRACTORS LTD.

"Recently we had a new Leica PowerGrade 2D fitted to our grader. We have found the system simple to use and very accurate.

Visually it is good with the large easy-to-see screen and the great graphics. The remote switch's mounted on the lift handles, that control whether you are in manual or automatic modes and also the cross slope, are useful. It has taken us a little time to get used to them though."

Alex Gideon



GIDEON
CONTRACTORS LIMITED

RPM SERVICES

"We have been thinking about a machine control system for our grader for a while now. Once we had a demonstration of the new PowerGrade system, we decided that was the system for us.

Since we have fitted it, it has proved to be a great system that has saved us time and therefore money. The system is easy to use and the graphics are easy to see. The Power Snap feature allows us to quickly remove the panel at the end of the day.

We are very pleased with the system."

Clayton Gillespie



NEW AGENCIES GROW OUR PRODUCT OFFERING >>

Global Survey is pleased to announce two new distribution agreements tailored to address the growing mining and quarrying industries.

Leica Mining Systems Division, based in Brisbane has appointed Global Survey as their distribution partner for New Zealand and the Pacific Islands. Leica's new Jigsaw360 suite uses state-of-the-art technologies to automatically provide optimised truck and shovel assignments; increase productivity; monitor and report key performance indicators (KPIs), and minimize operating costs. Operators, maintenance personnel, engineers, managers and supervisors will all benefit from the unparalleled capabilities of a Jigsaw360 system. Applications include *high precision GNSS machine control for earthmoving* as well as *material and fleet tracking for haul trucks*. **Solid Energy** has selected Global Survey to supply the Jigsaw360 system to Stockton mine, with



installations on dozer, diggers, loaders, drills, supervisor vehicles and haul trucks starting soon. The system is enabled by a high-speed wireless extension to the corporate network, also being installed at Stockton by Global Survey.

MDL (Australia), has appointed Global Survey as their distribution partner for New Zealand and PNG. Through Global Survey, MDL can offer unique technologies for rapid and accurate measurements of quarry faces, stockpiles and voids while offering quality local technical support. MDL's *Quarryman Pro* is already in use at several sites in New Zealand for stockpile and quarry face surveys, scanning 1000's of points up to 700m away to an accuracy of 50mm in a matter of minutes. Resulting volumes are more accurate and the time to survey is cut in some cases from days to hours.

MDL's *C-ALS borehole scanner* is in use at Solid Energy's Stockton mine. Used for scanning underground voids, the scanner is 50mm diameter and fits down a drill hole. Specially designed carbon rods fitted with inertial sensors position the scan head and yield a 3D coordinated scan of the cavity anything up to 100m deep in the ground. C-ALS and its sister-product, *Void Scanner*, enable detailed measurements of otherwise inaccessible or dangerous areas in safety.



JOB VACANCY: SALES CONSULTANT

WELLINGTON BASED

Roles like this don't come along very often. Here's the chance to not only use your technical skills, but also to be involved in the development of a new section of the business in the Wellington region.

The best thing is that you could be doing this within a supportive, dynamic company that represents world-leading surveying, civil engineering and CAD brands – Leica, Laser Technology, MDL and Mikrofy to name a few.

Global Survey is a vibrant organisation with a real focus on the future and we provide support, training and leadership to give you the backing you need to succeed.

Use your knowledge of surveying or construction to grow sales in the Wellington region and service a broad range of customers from within the construction, survey and related industries.

The core focus of this role is on providing solutions and a high level of professionalism and support for Global Survey's clients in the Wellington region. Because of the technical nature of our products it is essential that you have some experience working in Land Surveying or Civil Construction. You'll need to have a passion for

providing solutions and the ability to work independently. If you can communicate well, build strong relationships and have a keen sense of customer service, then this could be the role for you.

The sales territory will cover the lower North Island and the top of the South Island which means that you'll need to travel on a regular basis as part of your call cycle. Due to the nature of business, the frequency and timing of these trips away will vary.

Key aspects of the role include:

- Developing strong relationships with both new and existing clients.
- Organising and balancing your call cycle, trips away and customer needs.
- Maintaining and updating your technical knowledge.
- Working with other team members to develop markets and solutions for clients needs.

Don't delay! If you want to be part of an innovative, proactive team, learn more by visiting www.globalsurvey.co.nz and read the job description for the role by clicking 'about us' then 'careers'.

We appreciate there may be overseas interest in this role and we welcome your application, however NZ residents and citizens will be considered first.

SHARP PRICES ON GRADE LASERS

Just in time for the new season, check out the prices on our Rugby 300SG Single Grade and Rugby 400DG Dual Grade lasers.

Both these lasers have large easy to read LCD screens, use on-screen menus, are accurate to +/-1.6mm at 30m, have a working range of 750m (diameter) and the ability to direct enter your required grade.

The Rugby 300SG allows grades of -5 to +25% while the Rugby 400DG has the same grade as the 300SG in single grade and -5 to +15% in dual grade mode.

In addition to these great features, we now offer double the warranty! That's right, the warranty on these two products is now 2 years so you can purchase them with the confidence in knowing they are designed for all the jobs you tackle.



THE PRICES FOR THE LASERS ARE:

- Rugby 300SG \$4,500+GST**
 Includes a NiMH rechargeable battery and charger and carry case.
- Rugby 400DG \$6,000+GST**
 Includes a NiMH rechargeable battery and charger, carry case and remote control.

Pair the laser up with the receiver of your choice to make your ideal set up. The choices include a Classic or Pro Rod-Eye handheld or staff mounted laser receiver (\$495+GST – \$595+GST), a Trilex laser receiver that not only indicates whether you are high or low to grade but also tells you by how much (\$650+GST), or a laser receiver for mounting on your excavator. Excavator mounted laser receives range from the SNAP-ON (\$995+GST) which doubles as a stick mounted or handheld receiver to the DepthMaster stick mounted receiver (\$3,195+GST) which is ideal for use with bigger excavators (>13 tonnes).



**GLOBAL
HIRE**
0800 4 LEICA
0800 4 53422

Laser and Survey Equipment – Hire Pricing Schedule

SURVEYING EQUIPMENT				CONSTRUCTION LASERS / MACHINE CONTROL			
TOTAL STATION / LEVEL	DAILY FROM	WEEKLY FROM	MONTHLY FROM	ROTATING LASERS	DAILY FROM	WEEKLY FROM	MONTHLY FROM
Reflectorless	\$150	\$600	\$2200	Self-levelling Lasers	\$50	\$200	\$600
Robotic	\$300	\$1200	\$4500	GRADE LASERS			
Digital Level	\$150	\$600	\$2200	Single Grade Lasers	\$70	\$280	\$750
GPS				Dual Grade Lasers	\$90	330	\$850
RTK (cm)	\$500	\$2000	POA	PIPE LASERS			
DGPS (sub m)	\$150	\$650	\$2100	Pipe Laying Lasers	\$70	\$300	\$900
LASER RANGEFINDERS				MACHINE CONTROL			
DISTO	\$50	\$180	–	3D Machine Control Systems	–	POA	–
Rangefinders	\$100	\$400	\$1200	Laser Machine Control Sensors	\$50	\$200	\$550
HDS Laser Scanner	POA	POA	POA				

LONG-TERM HIRE RATES AVAILABLE ON REQUEST. ALL PRICES EXCLUDE GST AND FREIGHT.

LEICA POWERDIGGER 3D: THE NEW STANDARD FOR 3D EXCAVATOR GUIDANCE



WANT TO SAVE TIME AND MONEY?

WITH THE LEICA POWERDIGGER 3D EXCAVATOR SYSTEM GET IT RIGHT, FIRST TIME, AND INCREASE YOUR MARGINS FROM DAY ONE.

GLOBAL SURVEY PRESENTS THE WORLD'S MOST POPULAR, FLEXIBLE AND USER FRIENDLY 3D EXCAVATOR SYSTEM.

THE BENEFITS OF THIS SYSTEM INCLUDE:

- **Increased productivity**
PowerDigger ensures accurate digging exactly to the design plans - eliminate down time checking grades.
- **Increased precision**
Large screen size and market leading graphical 3D guidance combined with the most accurate sensors on the market means your operator achieves better results quicker.
- **Make complex jobs simple**
Handle any complex excavation designs, with no staking! Handle 'blind' and underwater excavation with ease - see your bucket's actual location on screen at all times.
- **Maximum return on your investment**
PowerDigger 3D features Leica's unique SNAP-ON technology allowing easier transfer between excavators, dozers and graders. Even better, Leica's new PowerDigger and PowerGrade range works with virtually any existing GPS, robotics or machine control systems from any manufacturer.

- **Reduced costs**

Reduces or eliminates overcutting and grade checking minimising machine downtime, and maximising production time. Getting to grade quicker also means that your fuel and maintenance costs are reduced.

How does PowerDigger 3D work?

Using either a robotic total station or a GPS receiver in combination with sensors that measure boom, stick and bucket angles, the exact 3D position of the bucket is determined and compared with the design. Slope and height differences are then displayed to the operator in real-time, on the screen allowing the operator to dig to design.

This is the perfect tool for underwater excavations and can also record the final excavated surface for as-built reports. No more surveying is required.

The new Leica PowerDigger 3D sets standard for 3D excavator guidance.

For further information please contact: Bryce Henry on 0274 784 040 (North Island) or Peter Cox on 0274 949 731 (South Island).

0800 4 LEICA [0800 453 422]