



SCREW ANCHOR & FOUNDATION DRIVES

AUSTRALIA'S LEADING MACHINERY ATTACHMENT MANUFACTURER



A TRUSTED REPUTATION FOR DELIVERING QUALITY PRODUCTS THAT PERFORM

Founded in 1981, Digga is the original designer and manufacturer of planetary gearboxes and machinery attachments for the earthmoving and construction industry. As a global company committed to local supply and manufacturing, Digga has 5 company owned facilities around the world to ensure prompt, efficient service through its extensive professional dealer network.

WE ARE DRIVEN TO MAKE YOU SUCCEED
WITH PROVEN EXPERTISE IN PROVIDING MACHINERY ATTACHMENT SOLUTIONS.

DIGGA is your trusted source for new machinery attachments
for the earthmoving and construction equipment industry

DIGGA MANUFACTURING – NOT JUST ASSEMBLERS WE ARE THE ORIGINAL MANUFACTURER



100% Privately owned, Digga is the largest manufacturer and exporter of planetary gearboxes for machinery attachments. Formed in 1981 by founder Stewart Wright, Digga pioneered pendulum drilling in Australia and today produce the largest range of compact high torque planetary drives for the pendulum drilling and attachment industry. As the largest attachment manufacturer in Australia, Digga specialises in drilling and trenching attachment solutions worldwide.

Products are manufactured in Digga's company owned, state of the art 12,500sqm (130,000 sq ft) facility in Brisbane, Australia. Using only the highest grade material and with the strictest of quality control methods, Digga gears, components and attachment range are produced in house through 15 CNC and

VMC machining centres, 15 gear cutting machines and extensive state of the art steel fabrication & robotic processes.

As a multi-award winning company, recognised for our innovative approach to leading edge design and superior manufacturing quality, Digga is committed to providing total solutions worldwide for drilling and trenching.

Digga has 5 company owned manufacturing facilities around the world with 24hr a day engineering support.

Our products are distributed by a dedicated professional dealer network. Local country manufacturing and professional support ensures fast and efficient service.

OUR PHILOSOPHY

Simply, to help our customers be successful.

THE TREND THESE DAYS IS FOR COMPANIES TO OUTSOURCE TO LOW COST COUNTRIES. WE ENDEAVOUR TO MAKE AN AFFORDABLE PRODUCT, BUT ARE NOT WILLING TO SACRIFICE OUR GOALS OR OUR PRODUCT INTEGRITY

QUALITY, SERVICE, AND RELIABILITY GUARANTEED

PIONEERING NEW MARKETS



AUGER DRILLING FOR EXCAVATORS

- Excellent return on investment – Maximum performance with minimal wear and tear.
- Fast quick attach from your bucket or breaker to a drilling machine.
- Drill large diameter holes in most ground conditions including frozen ground and rock.



HELICAL PILE INSTALLATION

- Not just a gearbox supplier, Digga supply a package of total solutions to helical pile manufacturers for optimum performance.
- Manufacturers and installers.



ROCK DRILLING

- Providing the right solutions for a variety of host machines. Choose from our multipurpose combination augers for all ground conditions or dedicated rock augers for heavy duty rock drilling.



FOUNDATION DRILLING

- Turning Excavators into multipurpose high return tool carriers.
- Quick attach, easy connection.
- High performance attachment with great return on investment.

THE MOST ADVANCED ANCHOR DRIVE YOU HAVE EVER OWNED OR OPERATED

THE DIGGA DIFFERENCE

INTEGRATED SOLUTIONS

All valving and hoses are contained inside the hood for optimum efficiency and protection of the equipment.

- Integrated Pressure Relief valve fitted standard on all DIGGA/BELL series motors.
- Pressure Relief valve mounted to all 2 Speed VIS and Radial Piston Motors.

MORE COMPACT, LESS MAINTENANCE

No compromise in quality. Gears are precision machined from a high grade alloy steel, specifically formulated for the manufacturing of high performance gears.

Compact design allows for greater length under the drive for augers or pile installation. Drives can go down the hole for added depth when drilling.

HIGHEST SIDE LOAD RATINGS

More than double the side load capacity of any other gearbox on the market. Under torque load, the Digga two piece shaft design ensures there is no increased load on the bearings. The bearings do the job they were designed for, efficiently maintaining axial and side loading.

2 PIECE SHAFT DESIGN

The Digga shaft is a separate component to the planetary carrier, isolating the planetary gears from pushing, pulling and bending forces generated by the machine.

- Highest shaft pullout rating in the industry with heavy duty custom designed lock nut.
- Lifetime warranty on shaft pullout.

EXTENSIVE WARRANTY

Digga offers industry leading warranty of up to 3 year gearbox and 2 year motor warranties on selected drives. Enjoy peace of mind when purchasing a Digga Anchor Drive.



A-Series Drive Builds
Eaton Geroler Motor,
Pressure Relief Valve &
Energy Control Valve as standard

THE RIGHT POWER SOLUTION FOR OPTIMUM PERFORMANCE

COMBINING INDUSTRY EXPERTISE

INTEGRATED MOTOR AND OUTPUT HOUSING

In a joint effort with Eaton, DIGGA have developed a range of custom hydraulic motors. Utilizing EATON Geroler technology, and integrating the input housing allowed the gearbox sungear direct connection into the motor. Integration of the pressure relief valve and top porting of hoses to the motor head provides maximum protection of all hoses and valving. The new design significantly reduces the weight and overall length of the drives.



VIS TWO SPEED

High quality motor manufactured by EATON. The VIS series is 50% more efficient than conventional gear motors. It is contamination resistant, capable of 70kw power (95Hp) and tolerates higher pressures than 6K Series.

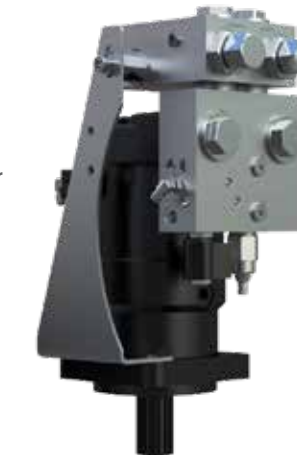
2 Speed motors boast an increase of 50% in high speed/low torque.



RADIAL PISTON

Volumetrically superior to any other motor on the market today and more contamination resistant than axial piston motors. Capable of withstanding Case drain pressures three times our nearest competitor.

Ratio - 2:1 two speed.



ENERGY CONTROL VALVE

A REVOLUTIONARY BYPASS VALVE IS FITTED TO THE DRIVE MANIFOLD TO CONTROL THE RAPID DECOMPRESSION OF OIL (PILE KICK-BACK) CAUSED BY THE APPLICATION OF SCREW ANCHORING



PATENTED ANTI KICK-BACK VALVE (ECV)

Screw anchors are installed to an engineering torque specification. When installation torque is reached and the operator stops the machine, the pile has built up a rotational energy (somewhat like a rubber band on a wind-up model plane). The pile momentarily 'kicks back', forcing the energy back up the pile through the drive shaft to the gearbox, through to the hydraulic motor. This action causes the motor to effectively turn into a high speed pump, generating cavitation of the motor, in turn causing motor failure and expensive replacement costs. The DIGGA ECV valve controls the release of this energy.

SD-XD Builds
Radial Piston Motor
Pressure Relief Valve &
Energy Control Valve as standard

OUR RANGE

MODELS	MACHINE	TORQUE RANGE
Premium Drives	4-30 tonnes	3,400 - 40,000 Nm
High Powered	15-30 tonnes	30,000 - 60,000 Nm
Supa Drives	15-30 tonnes	45,000 - 90,000 Nm
Mega Drives	20 - 40 tonnes	115,000 - 200,000 Nm
Ultra Drives	30 - 50 tonnes	190,000 - 300,000 Nm
Xtreme Drives	35- 80 tonnes	260,000 - 500,000 Nm

QUICK
REFERENCE
CHART



3,400 NM - 40,000 NM
PREMIUM ANCHOR DRIVES
➤ SINGLE SPEED - PAGE 9
➤ TWO SPEED - PAGE 10



30,000 NM - 60,000 NM
HIGH POWERED ANCHOR DRIVES
➤ SINGLE SPEED - PAGE 9



45,000 NM - 90,000 NM
SUPA ANCHOR DRIVES
➤ TWO SPEED - PAGE 12



115,000 NM - 200,000 NM
MEGA ANCHOR DRIVES
➤ TWO SPEED - PAGE 12



190,000 NM - 300,000 NM
ULTRA ANCHOR DRIVES
➤ TWO SPEED - PAGE 13



260,000 NM - 500,000 NM
XTREME ANCHOR DRIVES
➤ TWO SPEED - PAGE 13



SINGLE SPEED 4,000 NM - 60,000 NM

PREMIUM DRIVES - SINGLE SPEED

4,000 - 12,000 NM	PD4HF	PD6HF	PD8HF	PD10HF	PD12
Rec Flow Range	70-150 lpm	70-150 lpm	100-200 lpm	100-200 lpm	70-230 lpm
Nominal Torque	4,473 Nm	5,634 Nm	7,136 Nm	9,690 Nm	11,268 Nm
PRV Fitted	Included	Included	Included	Included	Included
ECV Fitted	Included	Included	Included	Included	Included
Max Pressure - Do not exceed*	240 bar @ 130 lpm		240 bar @ 130 lpm		
Max Flow-Do not exceed*	170 lpm @ 180 bar	210 lpm @ 145 bar		230 lpm @ 130 bar	
Max Power-Do not exceed*	50 Kw (67 hp)		50 Kw (67 hp)		
Overall Length	950 mm	950 mm	950 mm	950 mm	950 mm
Diameter	290 mm	290 mm	290 mm	290 mm	290 mm
Weight (no hitch)	149 Kg	149 Kg	149 Kg	149 Kg	149 Kg
Std Output Shaft	75 mm SQ	75 mm SQ	75 mm SQ	75 mm SQ	75 mm SQ



INTEGRATED
PRESSURE RELIEF
& ENERGY CONTROL
VALVE STANDARD
ON ALL DIGGA
ANCHOR DRIVES

HIGH POWERED

13,000 - 40,000 NM	PD15	PD18	PD22	PD25	PD30	PD40	PD50	PD30HP	SD45HP	SD55HP
Rec Flow Range	70-230 lpm	70-230 lpm	70-230 lpm	70-230 lpm	70-230 lpm	70-230 lpm	70-230 lpm	15-240 lpm	15-240 lpm	15-240 lpm
Nominal Torque	13,918 Nm	17,630 Nm	22,176 Nm	26,267 Nm	30,543 Nm	33,041 Nm	38,420 Nm	30,250 Nm	44,150 Nm	57,750 Nm
PRV Fitted	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included
ECV Fitted	Included	Included	Included	Included	Included	Included	Included	Included	Included	Included
Max Pressure - Do not exceed*	240 bar @ 130 lpm			240 bar @ 130 lpm				345 bar @ 174 lpm		
Max Flow-Do not exceed*	210 lpm @ 145 bar	230 lpm @ 130 bar		230 lpm @ 130 bar				240 lpm @ 230 bar		
Max Power-Do not exceed*	50 Kw (67 hp)	50 Kw (67 hp)	50 Kw (67 hp)	50 Kw (67 hp)	50 Kw (67 hp)	50 Kw (67 hp)	50 Kw (67 hp)	90 Kw (121 hp)		
Overall Length	1006 mm	1006 mm	1006 mm	950 mm	1152 mm	1152 mm	1152 mm	1221 mm	1274 mm	1274 mm
Diameter	290 mm	290 mm	290 mm	290 mm	355 mm	355 mm	355 mm	460 mm	530 mm	530 mm
Weight (no hitch)	176 Kg	176 Kg	176 Kg	149 Kg	300 Kg	300 Kg	300 Kg	453 Kg	646 Kg	646 Kg
Std Output Shaft	75 mm SQ	75 mm SQ	75 mm SQ	75 mm SQ	100 mm SQ	100 mm SQ	100 mm SQ	100 mm SQ	100 mm SQ	100 mm SQ

* Output speed and torque specifications are THEORETICAL. Speed and torque output are dependent on the overall system efficiencies associated with the prime movers hydraulic system. This document should be used for information and comparative purposes only.
When determining criteria and application-specific information is required, please contact DIGGA.

TWO SPEED 3,400 - 11,500 NM

PREMIUM DRIVES - TWO SPEED

4,700 - 11,500 NM	PDT3	PDT6	PDT8
Rec Flow Range	15-75 lpm	15-75 lpm	15-75 lpm
Nominal Torque	3,400 Nm	4,600 Nm	5,600 Nm
PRV Fitted	Included	Included	Included
ECV Fitted	Included	Included	Included
Max Pressure - Do not exceed*	200 bar @ 76 lpm		
Max Flow-Do not exceed*	76 lpm @ 200 bar		
Max Power-Do not exceed*	25 Kw (34 hp)		
Overall Length	766 mm	877 mm	883 mm
Diameter	240 mm	240 mm	290 mm
Weight (no hitch)	75 Kg	104 Kg	130 Kg
Std Output Shaft	65 mm RND	75 mm SQ	75 mm SQ

4,700 - 11,500 NM	PDT4HF	PDT6HF	PD8THF	PDT10HF	PD12
Rec Flow Range	40-120 lpm	40-120 lpm	40-120 lpm	40-120 lpm	40-200 lpm
Nominal Torque	4,673 Nm	5,758 Nm	7,881 Nm	9,916 Nm	11,531 Nm
PRV Fitted	Included	Included	Included	Included	Included
ECV Fitted	Included	Included	Included	Included	Included
Max Pressure - Do not exceed*	240 bar @ 180 lpm				
Max Flow-Do not exceed*	200 lpm @ 210 bar				
Max Power-Do not exceed*	60 Kw (80 hp)	60 Kw (80 hp)	60 Kw (80 hp)	60 Kw (80 hp)	60 Kw (80 hp)
Overall Length	820 mm	820 mm	952 mm	952 mm	952 mm
Diameter	340 mm	340 mm	340 mm	340 mm	340 mm
Weight (no hitch)	134 kg	134 kg	158 kg	159 kg	159 kg
Std Output Shaft	75 mm SQ	75 mm SQ	75 mm SQ	75 mm SQ	75 mm SQ



TWO SPEED 13,000 - 30,000 NM

PREMIUM DRIVES - TWO SPEED [CONT.]

18,500 - 22,700 NM	PDT18	PDT22
Rec Flow Range	40-200 lpm	40-200 lpm
Nominal Torque	18,372 Nm	22,640 Nm
PRV Fitted	Included	Included
ECV Fitted	Included	Included
Max Pressure - Do not exceed*	240 bar @ 180 lpm	
Max Flow-Do not exceed*	200 lpm @ 210 bar	
Max Power-Do not exceed*	60 Kw (80 hp)	
Overall Length	979 mm	979 mm
Diameter	340 mm	340 mm
Weight (no hitch)	392 kg	392 kg
Std Output Shaft	75 mm SQ	75 mm SQ



INTEGRATED PRESSURE RELIEF
AND ENERGY CONTROL VALVE
STANDARD ON ALL DIGGA
ANCHOR DRIVES

18,500 - 22,700 NM	PDT25	PDT30	PDT40	PDT50
Rec Flow Range	40-200 lpm	40-200 lpm	40-200 lpm	40-200 lpm
Nominal Torque	27,373 Nm	31,829 Nm	33,733 Nm	39,224 Nm
PRV Fitted	Included	Included	Included	Included
ECV Fitted	Included	Included	Included	Included
Max Pressure - Do not exceed*	240 bar @ 180 lpm			
Max Flow-Do not exceed*	200 lpm @ 210 bar			
Max Power-Do not exceed*	60 Kw (80 hp)			
Overall Length	1217 mm	1217 mm	1217 mm	1217 mm
Diameter	355 mm	355 mm	355 mm	355 mm
Weight (no hitch)	400 kg	400 kg	400 kg	400 kg
Std Output Shaft	100 mm SQ	100 mm SQ	100 mm SQ	100 mm SQ

* Output speed and torque specifications are THEORETICAL. Outputs are dependent on the overall system efficiencies associated with the prime movers hydraulic system. This document should be used for information and comparative purposes only. To determine criteria and application-specific information is required, contact DIGGA.



TWO SPEED 45,000 - 500,000 NM

SUPA DRIVES

45,000 - 90,000 NM	SD 45	SD 50	SD 70	SD 80	SD 95
Max Torque	44,333 Nm	51,985 Nm	68,018 Nm	81,986 Nm	91,215 Nm
Max Pressure - Do not exceed*	240 bar @ 380 lpm				
Max Flow-Do not exceed*	380 lpm @ 240 bar				
Max Power-Do not exceed*	150 Kw				
Motor	Radial Piston	Radial Piston	Radial Piston	Radial Piston	Radial Piston
PRV	Included	Included	Included	Included	Included
ECV	Included	Included	Included	Included	Included
Overall Length	1493 mm	1493 mm	1493 mm	1493 mm	1493 mm
Diameter	600 mm	600 mm	600 mm	600 mm	600 mm
Weight No Hitch/Oil	838 kg	836 kg	836 kg	836 kg	843 kg
Shaft	100mm Square	100mm Square	100mm Square	100mm Square	100mm Square

MEGA DRIVES

115,000 - 200,000 NM	MD 110	MD 160	MD 190
Max Torque	114,395 Nm	169,354 Nm	198,585 Nm
Max Pressure - Do not exceed*	240 bar @ 380 lpm		
Max Flow-Do not exceed*	380 lpm @ 240 bar		
Max Power-Do not exceed*	150 Kw		
Motor	Radial Piston	Radial Piston	Radial Piston
PRV	Included	Included	Included
ECV	Included	Included	Included
Overall Length (In)	1638 mm	1791 mm	1791 mm
Diameter (In)	610 mm	610 mm	610 mm
Weight No Hitch/Oil	1028 kg	1191 kg	1194 kg
Shaft (mm)	130mm Square	130mm Square	130mm Square



ULTRA DRIVES

190,000 - 300,000 NM	UD 190	UD 220	UD 250	UD 300
Max Torque	186,644 Nm	207,653 Nm	243,495 Nm	305,371 Nm
Max Pressure - Do not exceed*	240 bar @ 380 lpm			
Max Flow-Do not exceed*	380 lpm @ 240 bar			
Max Power-Do not exceed*	150 Kw			
Motor	Radial Piston	Radial Piston	Radial Piston	Radial Piston
PRV	Included	Included	Included	Included
ECV	Included	Included	Included	Included
Overall Length	1915 mm	1915 mm	1915 mm	1915 mm
Diameter	671 mm	671 mm	671 mm	671 mm
Weight No Hitch/Oil	1194 kg	1573 kg	1573 kg	1573 kg
Shaft	150mm Square	150mm Square	150mm Square	150mm Square

XTREME DRIVES

260,000 - 500,000 NM	XD 270	XD 310	XD 410	XD 500
Max Torque	259,803 Nm	304,646 Nm	398,602 Nm	480,458 Nm
Max Pressure - Do not exceed*	240 bar @ 380 lpm			
Max Flow-Do not exceed*	380 lpm @ 240 bar			
Max Power-Do not exceed*	150 Kw			
Motor	Radial Piston	Radial Piston	Radial Piston	Radial Piston
PRV	Included	Included	Included	Included
ECV	Included	Included	Included	Included
Overall Length	2410 mm	2410 mm	2410 mm	2410 mm
Diameter	820 mm	820 mm	820 mm	820 mm
Weight No Hitch/Oil	2878 kg	2878 kg	2878 kg	2878 kg
Shaft	200mm Square	200mm Square	200mm Square	200mm Square

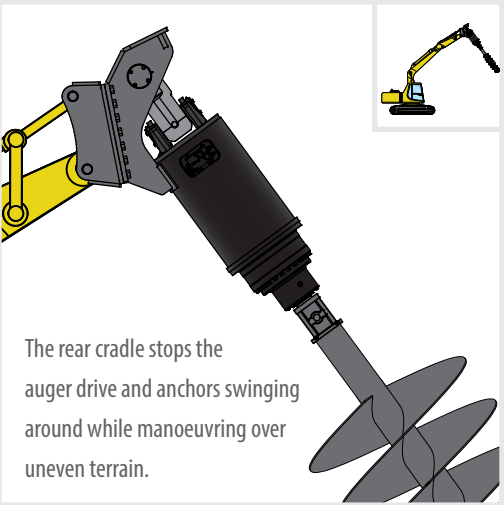


MACHINE MOUNTS

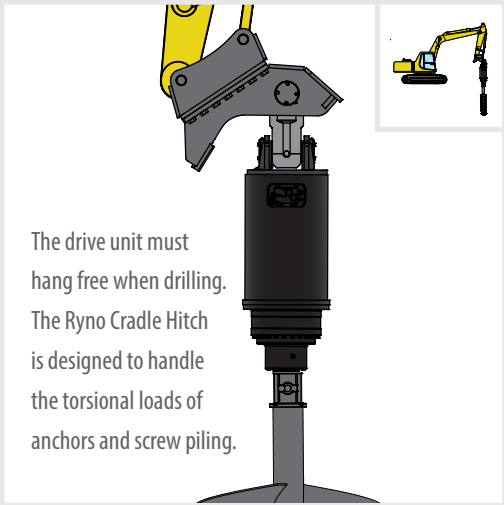
RYNO PILING MOUNT

DEVELOPED FOR FASTER CONNECTION TO THE AUGER OR PILE, THE RYNO CRADLE MOUNT HAS BEEN DESIGNED TO HANDLE THE TORSIONAL LOADS OF LARGE AUGERS AND HELICAL SCREW PILING.

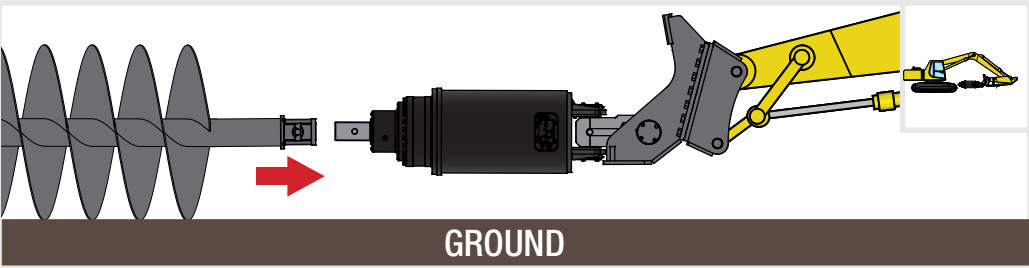
The Ryno Mount front cradle allows the operator to angle the drive unit up to 90 degrees for easy connection to augers or anchors while a rear cradle stops the auger drive or anchor from swinging about whilst manoeuvring over uneven terrain.



The rear cradle stops the auger drive and anchors swinging around while manoeuvring over uneven terrain.



The drive unit must hang free when drilling. The Ryno Cradle Hitch is designed to handle the torsional loads of anchors and screw piling.



GROUND



EXCAVATOR MOUNTS

Digga manufacture a range of hitches to suit excavators up to 80t. Configurations include double or single pin fixed and loose pin.

FEATURES

- Single and double pin options available.
- Highly efficient, compact design.
- Premium grade steel.
- Extra Heavy Duty, fully engineered design.
- Faster connection to machine and drive.



DOUBLE LOOSE PIN



DOUBLE FIXED PIN



CRADLE HITCH

SKID STEER LOADER MOUNTS

Digga manufactures a fixed centre mount or optional side shift mount for most skid steer loaders, backhoes, tele-handers and mini machines. The optional Side Shift Frames feature a slide cradle which allows the user to offset the attachment mounted on the frame, enabling drilling close to structures.



TELESCOPIC PILING EXTENSION

Effectively increases your reach for added drilling depth or helical pile installation.

MINI LOADER MOUNTS



BACKHOE MOUNTS

Designed to provide safer drive unit transportation between holes, the backhoe cradle hitch is available with optional carry strap.



TORQUE HUB

ACCURATE & EASY TO USE

- 99%+ Accurate Torque Measurement
- In-cab touch 7in screen display

EXPORT DATA LOGGING RECORDS

- Torque, pile depth, angle, date, time & more
- Additional user-defined export fields

SIMPLE INSTALLATION

- Replaces Kelly Bar adaptor or mounts directly onto the drive shaft
- Wireless in-cab display
- Superior design & engineered for tough conditions

HOW DOES IT WORK?

The heart of the Digga Torque Hub is in the PCB which contains a microprocessor which converts the analog strain gauge input into a digital signal which is transmitted over a robust 2.4 GHz RF signal.



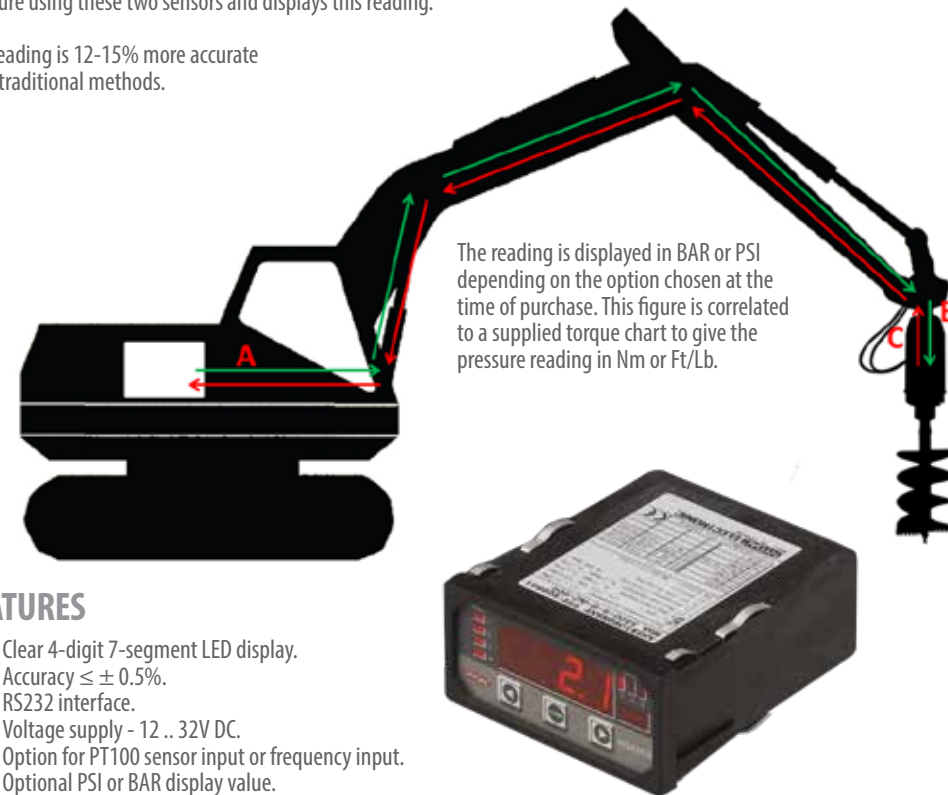
PRESSURE DIFFERENTIAL GAUGE

CALCULATES THE DIFFERENCE OF PRESSURE MEASUREMENTS BETWEEN TWO POINTS

Traditionally, torque was calculated by a single sensor gauge located at the hydraulic pump in the machine. Pressure is lost as the oil travels up the boom to the drive unit, back pressure is then created as the oil is transferred back to the parent machine. Pressure readings can be out by as much as 15-20% using a single gauge system.

Pressure Differential comprises of two sensors and an electronic display. The first sensor is located on the supply line at the entry to the drive unit (B). The second sensor is located on the return line where oil leaves the drive unit (C). A microprocessor calculates the 'actual usable' pressure using these two sensors and displays this reading.

The reading is 12-15% more accurate than traditional methods.



FEATURES

- Clear 4-digit 7-segment LED display.
- Accuracy $\leq \pm 0.5\%$.
- RS232 interface.
- Voltage supply - 12 .. 32V DC.
- Option for PT100 sensor input or frequency input.
- Optional PSI or BAR display value.

TORQUE LOGIC

DIGGA'S TORQUE LOGIC IS A REVOLUTIONARY TORQUE MONITORING AND DATA LOGGING SYSTEM

TORQUE LOGIC OFFERS TRUE TORQUE READINGS THAT ARE 99%+ ACCURATE!

Torque Logic can be installed by simply replacing your current hood pin with a new load cell pin. Unlike other systems, there is no loss of boom height.

MORE THAN JUST TORQUE

- 99%+ accurate torque measurement
- Alignment indicator
- Data logging
- Downloadable to USB

SIMPLE INSTALLATION

- Calibrated pin replaces existing hood pin
- In-cab 7" touch screen display
- Superior design & engineered for tough conditions

EXPORTABLE DATA LOGGING RECORDS

- Torque, pile depth, angle, date, time
- Additional user-defined export fields
- Optional laser range finder for automated depth measurement and recording



AUGERS & WEARPARTS

TRUE CUT AUGERS - PREDRILLING, BORED PIERS

DIGGA AUGERS CUT A TRUE SIZED HOLE, NOT AN OVERSIZED HOLE

Building quality augers since 1981, all Digga augers are super heavy duty and feature ideal flight pitches to provide maximum soil removal in all ground conditions. Fitted with a range of high quality wear parts to suit most ground conditions. Ideal for Augering, Pre-Drilling for anchors, Tree planting, Sound Barriers, Foundation drilling and more.

CUSTOM BUILDS ARE
OUR SPECIALITY

EARTH AUGERS BLADED TEETH EARTH/CLAY/SHALES



ROCK/EARTH AUGER TAPER TEETH (ALL GROUND CONDITIONS)



ROCK AUGER ROTATING ROCK PICK TEETH (SHALE/FRACTURABLE ROCK)



WEARPARTS

Digga Wear Parts are cast to the highest quality and utilise premium grade tungsten carbide to ensure maximum wear life.



TL
TRULOC

3-WAY LOCKING SYSTEM FOR A4 AUGERS

- 3-way locking system - Pin lock, Rubber lock, and Pad lock
- Easy to remove pin
- Anti-twist channels

EXTENSIONS

EXTENSIONS FOR MACHINES UP TO 30T

DIGGA MANUFACTURE A RANGE OF SUPER HEAVY DUTY AUGER EXTENSIONS.

Digga's drilling extension range is the ultimate in quality and cost effectiveness.

Manufactured by Digga, using only the highest grade materials and strictest quality control. Comprehensive range suited for A4 through to RC11 Augers and fits 65mm round through to 100mm Square hubs.



COMPREHENSIVE RANGE OF
TELESCOPIC INNER AND OUTER
EXTENSIONS AVAILABLE

ENGINEERED FOR
SUPERIOR
*STRENGTH AND
DURABILITY*



PILING AND FOUNDATION TOOLS

DIGGA DESIGN AND MANUFACTURE A WIDE RANGE OF HEAVY DUTY FOUNDATION DRILLING TOOLS TO SUIT MACHINES UP TO 50 TONNE INCLUDING DEDICATED ROCK AUGERS, CORE BARRELS, DRILLING BUCKETS AND CLEANING BUCKETS

DRILLING BUCKETS

Ideal for drilling in cohesive and non-cohesive soil below groundwater level. Digga's drilling buckets are suitable for breaking and ripping hard soil up to medium hard rock.



FEATURES

- Up to 2000mm cutting width available
- Comes fitted with Kelly Box (drive hub) to suit your machine
- 7 digging configurations from single start bladed to rock, as well as combination tooth solutions
- Opening mechanism options include manual hand-operated or fully automatic (suits drill rigs with striker plate fitted)
- Base options include swivel and valve style

CORE BARRELS

Core barrels are used when conventional augers are less effective or in conjunction with tapered rock augers for very hard rock drilling. The core barrel is designed with a thin cutting edge to maximise the penetration rate through less contact surface area having to be cut and removed.



FEATURES

- Up to 2000mm cutting width available
- Standard (STD) & heavy duty (HD) base ring option available
- Comes fitted with Kelly Box (drive hub) to suit your machine
- Wear ribs extend barrel life and eliminates barrel stalling
- Custom Buckets & other tooth options available upon request

CLEANING BUCKETS

Cleaning Buckets are used to remove spoil from holes after drilling to create a clean base. Digga Cleaning Buckets come fitted with a Kelly Box (drive hub) to suit your machine and can be fitted with a manual hand-operated, or automatic opening mechanism (for emptying) - For drill rigs fitted with striker plate.



FEATURES

- Up to 2000mm cutting width available
- Base options include swivel and valve style
- Comes fitted with Kelly Box (drive hub) to suit your machine
- High tensile cutting edge for a cleaner hole & longer life span
- Custom buckets including combination & rock available
- Opening mechanism options include manual hand-operated and fully automatic (suits drill rigs with striker plate fitted)

DIGGA FOUNDATION DRILLING AUGERS ARE A CUT ABOVE THE REST

TAPERED ROCK SERIES

The Tapered rock augers are designed to drill in extreme rock conditions, the engineered design cutting system maximise penetrating abilities of the rotating pick tooth, the design enables the teeth to fracture the rock, allowing for penetration into ground normally unachievable with an auger.



ROTATING ROCK PICKS TO PENETRATE INTO ROCK



FEATURES

- Heavy duty flighting
- Heavy duty centre shaft
- Rotating pick teeth and pilot
- Hard faced flight edges

IDEAL FOR

- Drilling through solid and fracturable rock, shale and heavy compacted ground
- Use on piling rigs, Excavators, large skid steers, digger derricks

CONTINUOUS FLIGHT AUGERS

Digga manufactures a range of continuous flight augers ideally suited for soil sampling, under road boring and drilling for bore water. Continuous flight augers suit Exploratory Micro Drill Rigs, Small Soil Sampling Vehicles and Mini Loader Drill Mast.

FEATURES

- Replaceable pilots available in Tungsten or Multi Faced Tungsten
- 5 different widths and 3 length options
- Lengths connected using hex joiner and clips
- Australian-made quality

IDEAL FOR

- Suitable for Exploratory Micro Drill Rigs, Small Soil Sampling Vehicles & Mini Loader Drill Masts



DIGGALIGN - INCLINOMETER

INDICATES WHEN THE AUGER OR PIER IS STRAIGHT

The New Diggalign Inclinator was developed for contractors where accuracy is key. Ideal for drilling, screw piling, and core barrelling applications. Designed to show the operator when the top of the pylon/pile/auger is off plumb and helps to maintain accuracy throughout the installation.

AUGER/PIER ALIGNMENT SYSTEM FEATURES

- 2 Options available
 - Standard definition with increments in 2°, recommended for piles/augers under 13ft
 - High definition with increments in 0.5°, recommended for piles/augers over 13ft
- Can be retrofitted to existing drives
- Increased job site efficiency
- Can be calibrated for angles up to 20°
- Highlights misalignment forward and aft
- Dual supply cable with both 12V and 24V

MAINTAIN ACCURACY
KEEP IT STRAIGHT!



OVER 30 YEARS OF DESIGN, TESTING
AND MANUFACTURING EXPERIENCE



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IMPORTANT: The attachments shown in this brochure are for illustrative purposes only and may include some non-standard optional extras. All specifications should be regarded as approximate only. For full details contact your Digga Dealer. In the interest of product improvement, Digga reserves the right to change these specifications without prior notice.