

DISCOVERER®

PRESERVING SAMPLE INTEGRITY
SINCE 1993



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SAFE • TOUGH • DURABLE

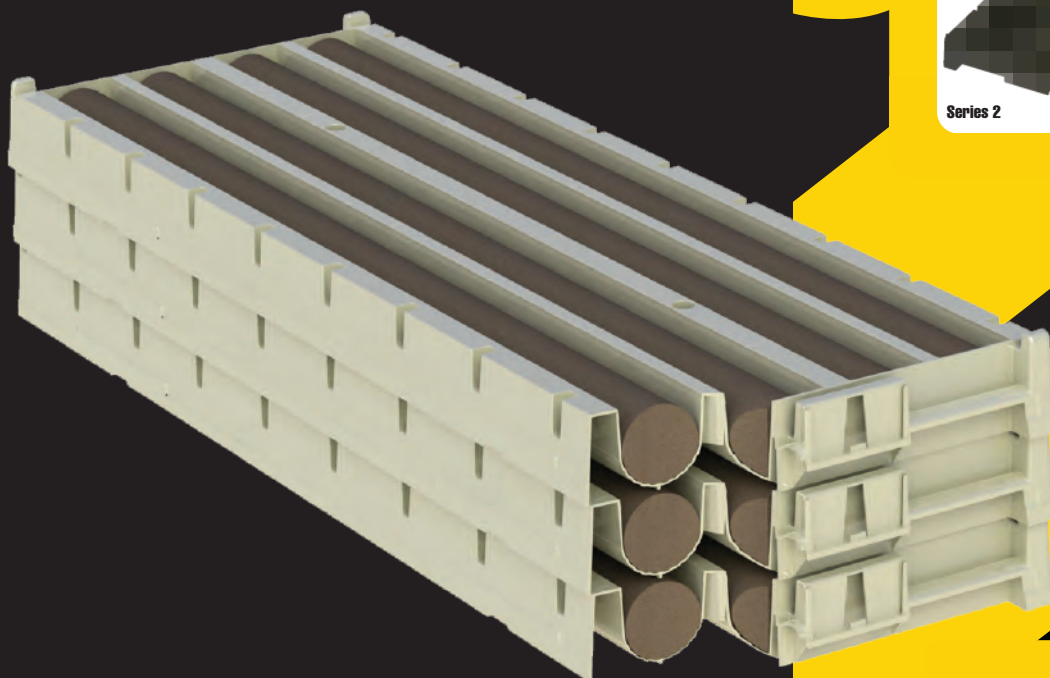
For the complete range
of Geological Consumables, visit:
www.dynamicsgex.com.au
www.coretrays.net

Preserving Integrity

Is retaining core integrity important to you? ...because we've made it our business for over 25 years.

The Discoverer Core Box is the world's most established brand of Plastic Core Box and have been proven globally since 1993. The Discoverer Core Box has been built with safety and ease of handling in mind and is built to withstand the rigors of all extreme weather conditions. The Discoverer is engineered to sit exposed to the elements out in the field for over 50 years. They are completely wet-rot resistant, where wax cardboard and wooden boxes need particular care, the plastic boxes require no such caution and protection, they'll do the job by themselves. No core shed is required to house the boxes, no tarps required to protect them from the elements.... tough, durable and built to last.

Discoverer is also fully recyclable, and due to the lifetime enduring properties, there is no need to replace core boxes like you need to when using wooden or metal. This produces massive long term savings on labour, cost & waste... Discoverer ultimately preserves core integrity.



Product Code	Product Description	Colour	Pallet Qty
PLACTS1BB	Plastic Discoverer @ 1 Core Tray Size BQ	Black	125
PLACTS2NB	Plastic Discoverer @ 2 Core Tray Size NQ/NQ2	Black	183
PLACTS2HB	Plastic Discoverer @ 2 Core Tray Size HQ	Black	144
PLACTS2PB	Plastic Discoverer @ 2 Core Tray Size PQ	Black	120



B Core Box

Length: 41.92in (1065mm)
Width: 15.15in (385mm)
Height: 2.36in (60mm)
Diameter: 1.49in (38mm)
Core Capacity: 22.96ft (7metres)
Colours: Black
Weight: 5.07lb (2.3kgs)
Truck Pallet Qty 125
Std Container Pallet Qty 129 HC
Container Pallet Qty 150



Series 2

H Core Box

Length: 41.92in (1065mm)
Width: 15.15in (385mm)
Height: 3.18in (81mm)
Diameter: 2.55in (65mm)
Core Capacity: 13.12ft (4 meters)
Colours: Black
Weight: 4.62lb (2.1kgs)
Truck Pallet Qty 144
Std Container Pallet Qty 156
HC Container Pallet Qty 177



Series 2

N Core Box

Length: 41.92in (1065mm)
Width: 15.15in (385mm)
Height: 2.65in (67.5mm)
Diameter: 2.06in (52.5mm)
Core Capacity: 16.40ft (5 meters)
Colours: Black
Weight: 4.18lb/1.9kgs
Truck Pallet Qty 183
Std Container Pallet Qty 192
HC Container Pallet Qty 219



Series 2

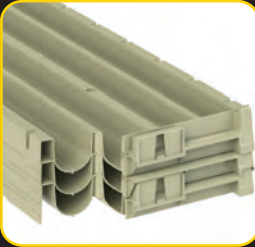
P Core Box

Length: 41.92in (1065mm)
Width: 15.15in (385mm)
Height: 4.17in (106mm)
Diameter: 3.4in (86.5mm)
Core Capacity: 9.84ft (3 meters)
Colours: Black
Weight: 5.29lb/2.4kg
Truck Pallet Qty 120
Std Container Pallet Qty 126
HC Container Pallet Qty 141

Discoverer® - SAFE TOUGH . DURABLE

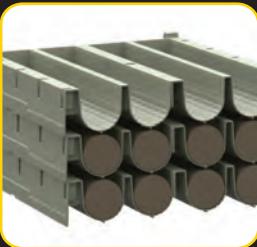
www.coretrays.com

The Discoverer® Core Box - Proven in the field since 1993 and used by many of the world's leading mining companies. Designed and engineered for ease of use, safety in the field and to withstand the harshest climates, from sub-zero conditions to extreme heat. Manufactured to exacting standards to give you the ultimate in core storage.



Nesting Capabilities

The boxes nest neatly inside of each other when being shipped empty, maximizing the number of trays you can fit onto a pallet, leading to significant savings in freight.



Full Depth Channel Height

Full Depth Channel height ensures the core sits below the ribbing, giving greater stability when stacking.



Stacking Capabilities

The unique stacking design means that the boxes stack perfectly on top of each other without the box above touching the core in the box below.



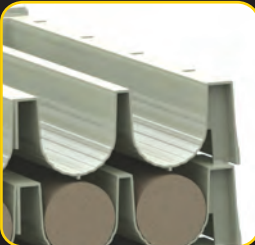
Built-in Handles

Built-in Handles on both ends of the box provide safe and easy use when handling.



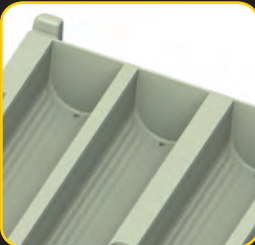
Bold Start Indicator

Bold Start Indicator gives clarity to drillers, reducing potential errors when logging the core.



Ribbing

Unique raised ribbed design improves drainage whilst making it easier to slide the core into the box. This assists in the field, helping to retain the quality of the core.

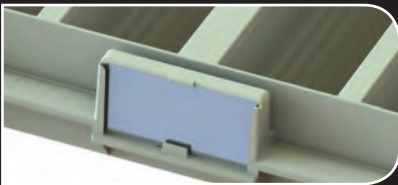


Drainage Holes

Drainage Holes at both ends, helping your core to dry out and will reduce the likelihood of water freezing inside the box.

Discoverer® Accessories

Aluminium ID Tags



Core Markers



Locking Links



Lids and Lid Clips



Product Code	Size	Product Description	Bag Quantity
PLACM-B	BQ	Plastic Core Markers Size B	200
PLACM-N	NQ	Plastic Core Markers Size N	200
PLACM-H	HQ	Plastic Core Markers Size H	100
PLACM-P	PQ	Plastic Core Markers Size P	100
PLAID01	9mmx4.5mm	Aluminum ID Tag	100
PLAOR01	N/A	O'Ring Locking Link	100
PLACL	N/A	Plastic Core Box Lid	10
PLACLCN	NQ	Plastic Lid Clips	250
PLACLCH	HQ	Plastic Lid Clips	250
PLACLCP	PQ	Plastic Lid Clips	250



Discoverer – Nesting and Stacking

When nesting inside of each other 10 rows of boxes reduce down to just 459mm high. Also shown is the same number of boxes filled with core, protected with lids, clips and locking device.



Discoverer Chip Tray



Discoverer Chip Tray

Quality Made Chip Trays for storing and transporting percussion or RC drill chip samples.

- UV Stabilised meaning longer lasting
- Suitable for holding RC or percussion drill chip specimens or even small rock samples
- 20 Compartments
- Lid attached

Dimensions

Overall Dimensions -
512mm long x 55mm wide x 33mm high

20 compartments measuring -
48mm x 24mm x 29mm deep

weight 155g

100 units per carton

24,000 units per 20ft GP Container

52,000 units per 40ft HC Container



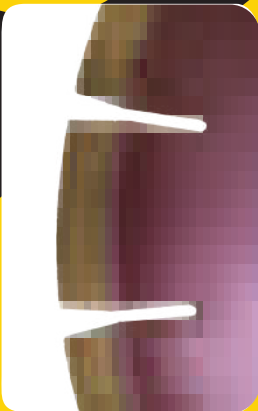


Diamond Core Blades

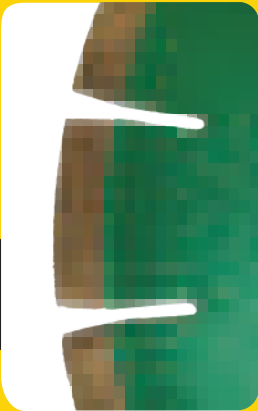
The Ultimate in Core Cutting



Medium-Abrasive



Very Hard



Ultra Hard



Product Code	Size	Product Description	Box Qty
CBLDA12	12" (300mm)	Discoverer ® Diamond Core Blade Ultra Hard	1
CBLDA14	14" (350mm)	Discoverer ® Diamond Core Blade Ultra Hard	1
CBLDM12	12" (300mm)	Discoverer ® Diamond Core Blade Very Hard	1
CBLDM14	14" (350mm)	Discoverer ® Diamond Core Blade Very Hard	1
CBLDS12	12" (300mm)	Discoverer ® Diamond Core Blade Medium Hard	1
CBLDS14	14" (350mm)	Discoverer ® Diamond Core Blade Medium Hard	1

Since 1993, Discoverer has continued to produce only the highest quality products, with our Diamond Blades this is no exception. These are produced specifically for the mineral core industry and have been proven time and again as a premium blade that lasts longer, cuts faster and is highly likely to be the lowest cost per metre blade on today's market.

Discoverer is so confident in our diamond blades and their consistency, due to the use of state of the art technology, combined with the finest quality diamond in our manufacturing process, that we offer a full no hassle money back guarantee.



DISCOVERER®

EXCELLENCE SINCE 1993

Corewise Automatic Core Saws

(Distributed by Dynamics G-Ex)

**World's Most Advanced Technology.
Maximum Efficiency.
Safety That's Second to None.**



The Corewise Patented Automatic Core Saw is the world's most technologically-advanced core cutting machine, the safest and most practical choice in the industry for all core cutting applications. Designed and built in Australia, Corewise Automatic Core Saws are constructed with premium galvanised and stainless steel, including stainless steel internal bolts to increase machine lifespan. They have aluminum composite sheet paneling, which stops vibration and reduces noise levels, leading to less wear and tear on parts and increased operator comfort. Corewise Core Saws also feature an anti-jam system in both forward and reverse mode, eliminating the risk of jams that can cause potential operator hazards.

The core saw is also fitted with a proximity sensor that automatically cuts the power when body parts come within the blade area, or when the blade housing is lifted. Complementing this feature, the saw is fitted with dynamic braking, ensuring that the blade stops immediately -- spelling the difference between absolute safety and loss of limbs, if not fatal accidents.

Key Product Benefits

**Controllable Feed Rate
for varying Rock Types**



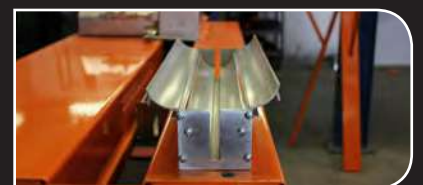
**Core Cut at Double Speed
for Increased Productivity**



Total Ease of Maintenance



**Suitable for all Drill
Core Sizes**



**Safe and Stable Operating
Environment**



Discoverer® Manual Core Saws

Rugged Durability and Performance Reliability on a Budget

The Discoverer® Core Saw is proudly Australian-made, with a long history of durability and reliability in the toughest conditions, and across many mine and exploration sites across the world. When the budget doesn't permit choosing an Automatic Core Saw, or if the time required in cutting core isn't extensive, the Manual Diamond Core Saw range is the perfect choice. Available in three varieties, this Core Saw range is stocked heavily in Perth and Queensland for quick dispatch!



Series 1

The Series 1 and Series 2 Core Saws look almost identical, with the exception of detachable folding legs for the Series 1. This makes the Series 1 the perfect choice for when portability is key, with previous clients taking this model with them when trekking through remote jungles or bush lands to reach their drill site! This model can be supplied with a single phase, 3-phase, or petrol engine depending on client requirements, with single phase as the most popular option for this type and available for immediate dispatch.



Series 2

The Series 2 is the same build size as the Series 1 with fixed solid legs, designed as a longer-term saw for operation at small exploration programs. The Series 2 is typically supplied with a single-phase engine for quick and easy dispatch, but in the rare instance where a petrol or 3-phase engine model is required, we can likewise provide this with a longer leadtime.



Series 3

The beast of this manual core saw range, the Series 3 is built with fixed solid legs, perfect for mine sites or larger exploration projects where more power is needed and extended periods of core cutting are to take place. The Series 3 is supplied with a single phase, 3-phase, or petrol engine depending on customer requirements; but most customers prefer 3-phase as this is our largest machine in the range.

Key Product Benefits

- Solid frame construction out of 3mm laser cut profile leading to increased stability
- Cutting deck trolley with heavy duty aluminum, tilt-lock wheels for accurate and stable cut
- Water return channels ensure clean and dry area, improving user comfort
- Fully-protected blade support shaft for user safety and bearings protection
- Spring-loaded cutting head actioned by foot pedal or cutting handle for shock-free cutting, good pressure control, and better cutting quality
- Crank-controlled cutting depth adjustment and head locking device for accurate cutting depth adjustment and straight through cutting

Technical Specifications

Engine Options:

- Single Phase 2.2kW 240V/15AMP
- 3 Phase 3PH 5HP/4Kw
- Petrol 5.5Hp Honda or 6Hp Robin

Series 1 & 2

Dimensions (without stand): 700H x 470W x 980L mm (Series 1 Only)

With Portable Stand (S1) or Fixed Legs (S2): 1530H x 550W x 980L mm

Blade Capacity: 300 – 350 mm (12 - 14inch)

Max Cutting Depth: 110 mm

Max Cutting Length: 420 mm

Tool Speed RPM: 2800 min

Total Weight: 93 kg

Series 3

Dimensions 1540H x 570W x 1350L mm

Blade Capacity: 350 – 500 mm (14 – 20 inches)

Max Cutting Depth: 210 mm

Max Cutting Length: 490 mm

Tool Speed RPM: 1440 min

Total Weight: 140 kg

DISCOVERER®

EXCELLENCE SINCE 1993

Discoverer® Core Orientation Device (Rocket Launcher)

**Smart Measurement and
Accurate Modeling at Your Fingertips**



The Discoverer® Core Orientation Device was developed to allow users to measure all relevant core structures with the core placed in the same situation that it was in the ground. It features a Suunto A-10 Base Plate compass that provides a bearing so that you can situate the device with the same heading as the azimuth of the core, while a built-in protractor allows the core to be placed on its original incline.

Key Product Benefits

- High quality non-ferrous brass fittings
- Hand-built in West Australia from durable marine plywood
- Built-in Suunto A-10 compass with adjustable bezel
- Accepts all core diameters from BQ to PQ
- Can accept half core
- Housed in a rugged, heavy duty lockable case with Pick and Pluck foam

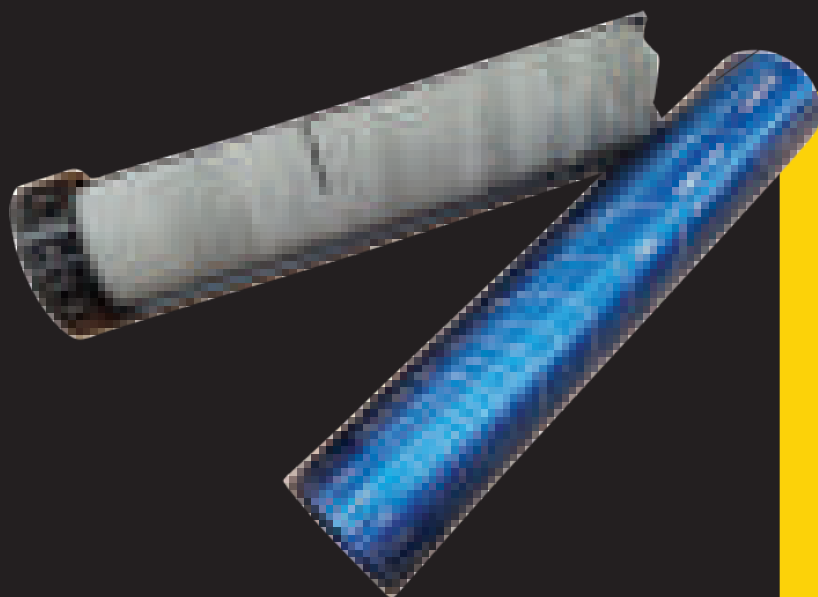


DISCOVERER®

EXCELLENCE SINCE 1993

Discoverer® Kenometer Core Orientation Tool (Alpha and Beta)

**Core Orientation Solution
that's Time-Saving, User-Friendly,
and Geologist-Preferred**



Decidedly the most user-friendly device for the measurement of alpha and beta angles in core samples, the Kenometer was designed to save time in core analyses while still providing accurate readings. This Australian designed and built geological tool made from anodised aluminium makes drill core orientation measurements fast and precise. The aluminium also makes it lightweight but built to last, perfect for field use. The tools measurement markings are laser-etched so even after years of heavy use, the Kenometer will still be easy to read.

Key Product Benefits

- Anodised alloy body for brilliant strength & durability in the field
- Ellipses on the back of the body allow quick measurements of the core structure (Alpha angle)
- Graduations on the head enable easy reading of rotation angle (Beta angle)
- Laser-etched markings for precise measurements
- Kits available to convert HQ to HQ3 & NQ2 to NQ or NQ3

Authorized Distributor:



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