



Corematic Junior (Manual)
Manual Feed- Handles Capacities
up to 0.5 Meters per minute. Available
in 220V, 1Ph or 380V, 3Ph.



Corematic Automatic (Senior)
Automatic Feed- Handles Capacities up to 2
Meters per minute. Available in 380V, 3Ph.

Corematic Core Saws



The Automatic Choice in Core Sampling Equipment

OPERATOR SAFETY

Operator safety is our main focus and our safety features include:

- A fully enclosed and sound dampened blade cover.
- A blade cover limit switch to disable blade and feed motors when blade cover is raised.
- A gully safety limit switch to disable blade and feed motors should an operator get too close to the blade cover.
- A core guide slide fitted to the back of the saw allows for safe and easy loading.
- Feed activation is linked to Blade operation. Feed will only occur once the blade is at speed.

HEAVY DUTY

Our machines are built from heavy duty steel and where applicable 3CR12 (A Stainless Steel Type Material) known in the industry as a hard wearing non rust material is used. The parts are then powder coated to give the end user confidence that in the harshest of conditions the machine will never rust away.

INCREASED PRODUCTIVITY

The Automatic Core Saw is set at a feed rate of two meters per minute, however the machine thinks for itself slowing down depending on the hardness of the core. This is to ensure an optimal blade speed is maintained. Feed activation is linked to Blade operation. Feed operation will only occur once the blade is at speed.

The Junior Core Saw is a Manual Feed. A feed rate of approximately half a meter per minute can be obtained depending on the hardness of the core being cut. The operator keeps an eye on an amp meter fitted to the control panel and makes sure he remains within the limits marked on the amp meter.

QUALITY

- Blade shaft assembly shafts are manufactured from En19 condition "X" material giving the shafts a tensile strength of 65 Tons per square inch. They are machined and final ground between centres to bearing tolerances & concentricity of less than 0.001mm.
- Only Premium Efficiency Plus, Cast Iron frame, IP66 SABS approved (ISO9001:2008) Weg Motors are used with a 5year warranty.
- Only Allen Bradley Adjustable Frequency AC Drives and Switchgear are used.
- All electrical components are CE Compliant.
- Making use of the latest Arix Technology, we now have three Grades of Diamond Blades, which have been designed and perfected giving outstanding results, splitting the softest to the most extreme hardest of core (banded iron formations).
- Where applicable such as banded iron formation sites, Timing Belts and Pulleys are used instead of V Belts ensuring no jam ups occur.
- Adjustable levelling feet are fitted to all our machines.
- Robust frames are fully welded to ensure water doesn't get into the tubing and cause rust from inside.