

powerhand[®] VEXR[™]

UNLOCK THE
POTENTIAL OF
VALUE SEPARATION
RECYCLING
DISASSEMBLE
BEFORE
SHREDDING



Patent Pending

DEX™ 140 Dexterity Grapple™

- High Gripping Force
- Continuous Rotation
- 80 mm Jaw Width
- 800 mm Max Jaw Opening

A fast action dexterous grapple for ease of handling heavy products.



VEXR™ 140, A MODULAR SYSTEM

Excavator based VEXR™ 140 is a modular system consisting of an excavator mounted Dexterity Grapple™, a modular tool table system and specialist dedicated attachments. Designed for the separation recycling of products prior to shredding. Extract the value from products and reduce product volume on site.

Cable Stripper 50/180

The push/pull through cable stripper is fully adjustable for cables \varnothing 50-180 mm, whether you wish to remove only the outer layers or strip down to the core.

The cable stripper incorporates a system of adjustable interchangeable guide funnels and adjustable cutting blades for fast cable size adjustment.



VEXR™ Clamp

- 600 mm Wide
- 640mm Stroke

The VEXR™ Clamp features a range of mounting points for different jaws to suit the application. The Clamp can be mounted on the table in many positions - whether on it's back, sideways, vertical and any angle in between.



FLEXIBILITY IN VALUE SEPARATION RECYCLING

Offering great flexibility for the attachment of specialist tools and processing equipment, the VEXR™ tool table is manufactured from hardened alloy steel. The tool table provides endless options for the mounting and positioning of processing tools and equipment, while incorporating hydraulic supply lines with conveniently positioned take off points.

VEXR™ 140 Table Shear

- 335 mm Blade “V” Max Opening
- 400 mm Blade “V” Length
- ø40 mm Max Mild Steel Round Bar Cutting Capacity

With an open vertical V, the VEXR™ shear can be easily loaded by the grapple, making for fast processing of heavy items.



Stripping Fork

- Wire Stripper
- Pulling Spike
- Shear Edge

Flat cut tools in any shape to suit any application can be positioned on the VEXR™ table for efficient dismantling of products.



VEXR™

- White Goods
- Cables
- Electric Motors
- Mattresses
- Vehicles
- WEEE

The potential is limitless



VALUE EXTRACTION RECYCLING

With the VEXR™ table system removed an ELV processing VRS® system can quickly be fitted allowing the processing of cars and light vans to remove the high value components prior to shredding.

With many other new and innovative VEXR™ tools under development, the potential for VEXR™ recycling is limitless. VEXR™ represents a new and unique way of extracting value from materials prior to shredding.

Let Powerhand® design a VEXR™ system for the processing and separation of your products.



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