

RENMAR

PLASTICS MACHINERY



**ANCILLARY
SPECIALISTS**

www.renmar.co.uk

0844 6933225

PRODUCT HANDLING EQUIPMENT

Market-leading Virginio Nastri belt conveyor systems and product handling equipment

- INCLINE BELT CONVEYORS
- SWAN NECK BELT CONVEYORS
- FLAT BED BELT CONVEYORS
- CUSTOM-BUILT BELT CONVEYORS
- BELT & ROLLER TRACK CENTRALISED CONVEYOR SYSTEMS
- BOX CAROUSELS
- MANUAL AND AUTOMATIC SPRUE SEPARATORS
- TUNNEL AND UNDERBELT METAL DETECTORS AVAILABLE AS OPTIONAL EXTRAS
- FULL SPARE PARTS - BELTS, MOTORS, GEAR BOXES ETC

Full details and specifications can be found on our website, including centralised conveyors systems and multi-level lift conveyors.



TEMPERATURE CONTROL

As the UK distributor for AEC we offer a wide range of temperature control equipment including mould heaters and oil heaters.

TCU/ECU MOULD HEATERS

These provide highly accurate control for production applications requiring a continuous supply of temperature-controlled water up to 150°C.

The units are designed for injection moulding machines and are equipped with heating capacities ranging between 9kw and 48kw. The units can be tailored to suit specific needs with the addition of special parameters or communication ports.

- *Provides highly accurate control*
- *Off –the-shelf microprocessor based PID Eurotherm temperature controller with Process and Setpoint LED readouts*
- *9-48kw Heaters*
- *1-10HP Pressurised Pumps*
- *up to 120°C or 150°C*
- *Graphic control panel with indicator and warning lights*
- *Compact cabinet*
- *Independent high temperature safety thermostat*
- *Flow rates of 189 to 378 litres per minute with 2.1 to 4.4 bar pressure.*



Other changes can be made to factory built units to suit customer requirements, such as painted in different colours, controllers with extra parameters, communication ports, auto purge, audible & visual alarms and more.

For more information on mould heaters and chillers visit the website.

SIZE REDUCTION

GRANULATORS

Engin Plast granulators are manufactured to a high standard in Italy and have impressive standard features such as compressed air self-clean cutting chamber and a quick-change knife system. Metal detectors and separators can also be added to the granulators.

BESIDE THE PRESS

- 1.5kw - 5.5kw power
- 15-200kgs/hr throughput
- 6-8mm finished particle size



MEDIUM

MEDIUM

- 11kw - 22kw power
- 300-700kgs/hr throughput
- 10mm finished particle size

BESIDE-THE-PRESS



CENTRAL



CENTRAL

- 37kw - 200kw power
- 800-3500kgs/hr throughput
- 12mm finished particle size

THERMOFORMING



THERMOFORMING

- 11kw - 45kw power
- 240-1250kgs/hr throughput
- 8mm finished particle size

SHREDDERS

ISVE are an Italian manufacturer of single and four shaft shredders as well as the unique combi-series

SINGLE SHAFT

- Robust construction
- Ideal for lump waste size reduction
- 8.5kw - 3kw power
- 200-1200kg/hr processing



FOUR SHAFT

- Multipurpose
- Inline use for continuous operation
- 15kw - 44kw power
- 150kg/hr through to 1.8t/hr processing



COMBI SERIES

- Unique system combining both a shredder and a granulator
- Reduce large product into shredded pieces and then granulated into the particle size you require

Further details on the specification of the granulator and shredder range including information on introducing metal detection and separation can be found online at www.renmar.co.uk



MATERIAL DRYING EQUIPMENT

DES DEHUMIDIFYING (DESICCANT) DRYERS

Consisting of nine different models, starting with the DES111 which has air-flow of 50m³/h and a hopper size of 15 litres right up to models with hopper sizes of 5000 litres.

- Automatic programming with daily /week timer
- Electronic microprocessor with PID control
- High pressure suction blowers with high filter surface
- Wide range of drying hoppers in stainless steel with ceramic fiber insulation
- Safety protections such as :
 - compressed air failure
 - over temperature, change-over valve position etc.
- High pressure blowers
- Compact design
- Dew point - 50°C



MES & MDS DEHUMIDIFYING (COMPRESSED AIR) DRYERS

- Automatic programming with daily / weekly timer
- Microprocessor board for electronic PID control
- Air flow control
- Wide range of drying hoppers in stainless steel with ceramic fiber insulation
- Acoustic alarm
- High pressure blowers
- Compact design
- Compressed air filter



MATERIAL HANDLING EQUIPMENT

Renmar provide a vast range of material handling equipment enabling us to offer an array of solutions including blenders and hopper loaders.

DVS DOSERS

The DVS range of volumetric dosing units have a throughput range from 0.05 to 60kg/h.

- Brushless motor
- Stainless steel components
- Compact dimensions
- Complete discharge hopper
- Static mixer
- Automatic or manual controller
- Maintenance programme



AMS LOADERS

The AMS loader is our economical single phase loader with a 950w motor, complete with built-in filter cleaning facility. Stainless steel construction body with easy to use controls. The AMS units can be used in conjunction with the VPS proportional valve for introducing virgin and regrind.

CTS/UTS LOADERS

The CTS/UTS are our competitive three phase hopper loaders with a range of vacuum pump sizes. The CTS/UTS can also be used in conjunction with the VPS proportional valve.



BLENDERS

The Engin Plast range of Trio blenders offer accurate and reliable quantification of material consumption.

Ideal for extrusion, blow moulding and injection moulding applications.

With huge capacities ranging from 20-130kgs/hr with the T1, through to 1500-2000kgs/hr with the T10.

With options to be either machine mounted or floor mounted, in addition to installed material handling systems.



Full details on our material handling and storage range can be found on our website www.renmar.co.uk

*Big enough to deliver,
small enough to care...*

Working with carefully selected manufacturers with quality products, Renmar Plastics Machinery has an impressive range of ancillary equipment and machinery for many different industries such as plastics, print, packaging, medical, automotive and food.

As we are family-run our customers are at the heart of the business and more than just another number.

Proud suppliers of ancillary equipment to -



RENMAR
PLASTICS MACHINERY

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