



NOW EVERY ONE CAN STAY COOL.

U-TECH BRINGS COMPREHENSIVE COOLANT MANAGEMENT SOLUTIONS

CHIP HANDLING SYSTEMS

IN COLLABORATION WITH THE WORLD'S BEST

COOLANT FILTRATION PRODUCTS



FITROWAC BAG & CARTRIDGE FILTER

- Features:**
- Filters down to 10-3micron
 - Can be used for both coolant or straight cutting oil
- Capacities:**
50, 100, 150, 200, 300, 400 LPM Flow



N'TRAP MAGNETIC SEPARATOR

- Features:**
- Rare Earth magnets used with minimum 3000 gauss magnetic power at the drum
 - Only 40W motor used for all models
 - 50% less power used compared to competitor models
 - Positive drive for the gum roller
- Capacities:**
50, 100, 150, 200, 300, 400 and 500 LPM Flow.



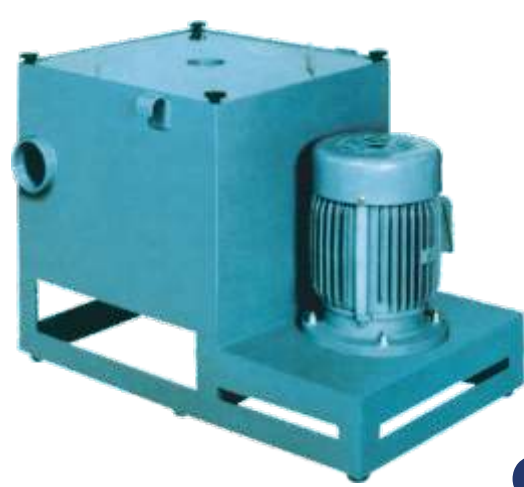
PAPER BAND FILTERS PFA - SERIES

- Features:**
- Applicable to both ferrous and non-ferrous machining
 - Filtration depends on paper use.
 - Not suitable for heavy machining due to paper consumption
 - To save filtration material, use magnetic filter for rough filtration
- Capacities:**
20, 40, 60, 80, 120, 160, 240, 340, 500 Lpm Flow



OLIO OIL SKIMMER

- Features:**
- Single phase or 3 phase models
 - Belt lengths to suit applications
 - DISC TYPE: 300mmØ, 400mmØ, 500mmØ
- Capacities:**
Belt Widths of: 50mm, 100mm, 150mm



COOLANT CENTRIFUGE CL - SERIES

- Features:**
- Suitable for deep hole drilling machines, fine grinding machines gear grinding machines, polishing and honing machines etc.
 - Suitable for both coolant and straight cutting oil
 - Easily retrofittable
 - Achieves 10 micron filtration
 - Media less
- Capacities:**
50, 60, 80, 100 and 150 LPM Flow



COMPACTO COMPACT BAND FILTER

- Features:**
- Occupies less space, only 1/3rd of conventional paper band filter
 - Paper lasts longer, and hence more time interval between paper change
 - Can filter coolant and oil with ferrous and non-ferrous metal and non-metal materials
 - Cleans coolant to provide brilliant surface on the work piece
 - Filtration depends on the paper used. 50, 20, 10 micron papers available
- Capacities:**
50, 80, 120, 200, 300, 500 & 600 LPM Flow



VORTEXO HYDROCYCLONE FILTRATION

- Features:**
- Full SS Casting
 - No consumable & running cost
 - High efficiency & constant performance
 - Useful for filtering both ferrous and non-ferrous impurities
 - Filtration Level - 20 Microns
 - Media less
- Capacities:**
100, 200, 300, 400 & 500 LPM flow



CHIP HANDLING PRODUCTS

FLYTTA CHIP CONVEYOR

- Types of Chip Conveyors manufactured:**
- Scraper Conveyor
 - Hinge Belt Conveyor
 - Magnetic Conveyor
 - Drum Type Scraper Conveyor
 - Screw Conveyor
- Features:**
- Noise-free operations
 - Robust construction
 - Non-interrupted performance
 - Efficient handling of machine chips



SPINETTO AUTOMATIC CHIP CENTRIFUGE

- Features:**
- Reclaim maximum Oil for re-use
 - Automatic
 - Batch Type
 - Timer Controlled
 - Run it little longer if you want it drier
 - Maintenance friendly
 - Can be kept under existing Machine Conveyors
 - Small and Compact
 - Optional air Cleaning Device
- Capacities:**
150kg per/hr steel chips



BRIKETTO CHIP COMPACTOR

- Features:**
- In-built coolant tank with pump and level gauge
 - Compact and efficient
 - Stirrer comes as a standard
 - Cycle time of only 30 seconds for each Briquette
 - Hydraulic power pack can be completely isolated for ease of transportation
 - User friendly engineering for ease of transportation and handling
 - Optional shredder can be provided for lengthier chips

- Advantages:**
- Reduces storage by 90 to 95%
 - Reduces transportation costs
 - Increase in sale price of scrap, because the scrap is drier
 - Reclaim 5% to 97% of the oil that goes along with the scrap
- Capacities available:**
80 ton



BRIKETTO CHIP COMPACTOR

BRIKETTO - SPECIFICATIONS		
Powerpack	Model	80/300
	HP	7
Compacting load	Ton	80
Brick size	Dia - mm	100
Max brick weight	kg / steel	2.4
Approx. capacity	kg/hr - steel	~ 250 to 300
Approx. density expected	Steel	~ 3500 to 4500



SCARA CHIP SHREDDER

- Advantages:**
- Cuts long chips into smaller ones
 - Lower transportation volume
 - Size reduction of swarf for subsequent operations like Centrifuge and Briquetting presses
 - Specially designed cutters for easy cutting
- Capacities available:**
150 kg per hr (Steel chips)
300 kg per hr (Steel chips)



APPLICATION
Oil | Water | Coolant

TYPES
Immersion | Standalone
With and without tank option

Another innovative addition to the U-Tech portfolio

FREDDO COOLERS AND CHILLERS

- Features:**
- Solutions developed for global markets
 - Self-sufficient chillers with built-in refrigeration circuit
 - Factory-tested and pre-primed for installation - Plug and Play
 - Advanced microprocessor based temperature-controller
 - Easy-to-use and password protected
 - Built-in electrical control box
 - Refrigerant R22 /R134a/R607C
- Immersion and Stand-alone systems**
- Solutions for oil and coolant applications
 - Optional fluid reservoir, transfer pump and controls
- Range:**
Starts from 800 Kcal/hr



SALES ASSOCIATES:



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Based in Bangalore, India's acknowledged Machine Tools hub, the U-Tech global product line meets the most exacting demands of clients.



Going that extra mile, U-Tech Seva has been instituted to empower, and streamline after-sales service and supply of spares.



Design, Development and Manufacturing of Coolant Filtration & Chip Handling Products