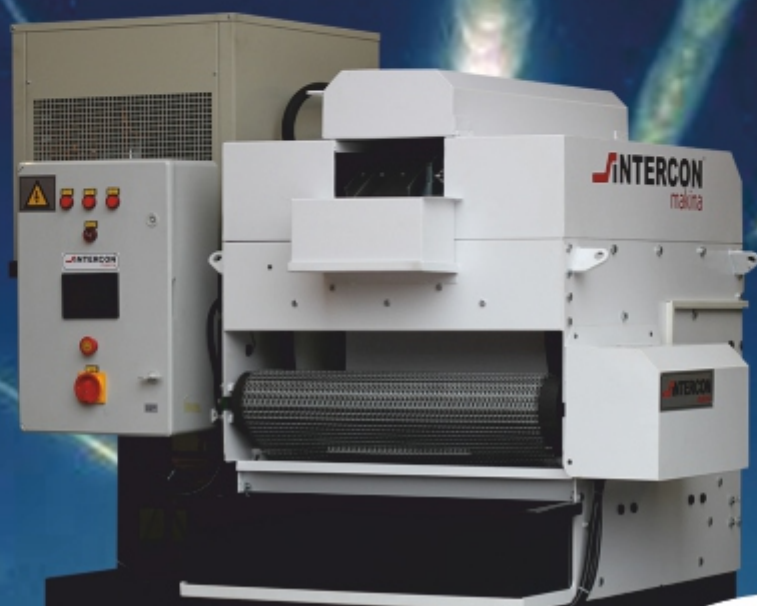


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**HIGH
PRESSURE
COOLANT
SYSTEMS**

**CHIP
CONVEYOR
SYSTEMS**

**AUTOMATIC
PAPER
FILTER
SYSTEMS**

**OTHER
PRODUCTIONS**

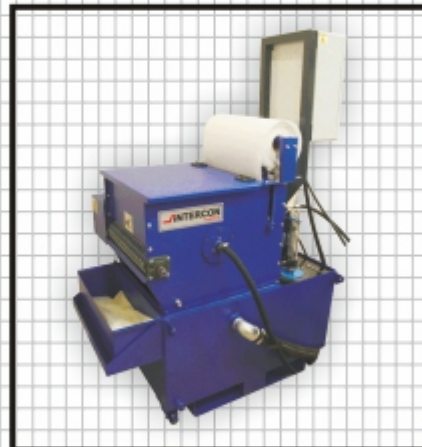
**ORIGINAL
NEW SERIES**

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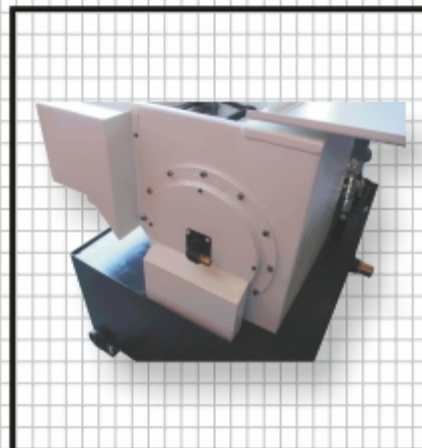
HIGH PRESSURE COOLANT SYSTEMS



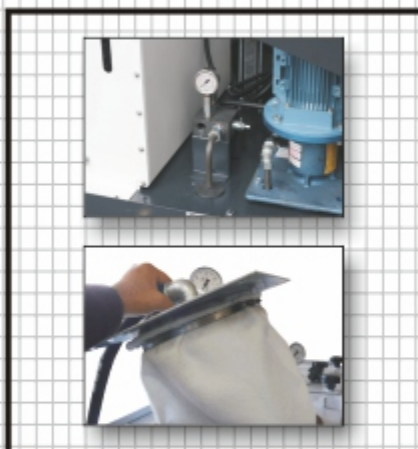
With Compact Type Automatic Paper Filter



With Rotary Drum Filter



With Bag Filter



Standard Equipment

- ▶ Filter Unit (Automatic paper filter, Rotary drum filter, Bag filter)
- ▶ Tank capacity (500 - 1000 litre)
- ▶ Tank coolant level switch (min. and max.)
- ▶ High Pressure Pump (15 - 140 Bar)
- ▶ By-pass relief valve
- ▶ Control panel (PLC control)

Optional Equipment

- ▶ Magnetic separator (for Automatic paper filter or Rotary Drum Filter)
- ▶ Chiller unit for storage tank
- ▶ Oil skimmer
- ▶ Wash gun
- ▶ Automatic adjustable pressure system.
- 3 pressure stages, 7 pressure stages
- with M-code or Automatic

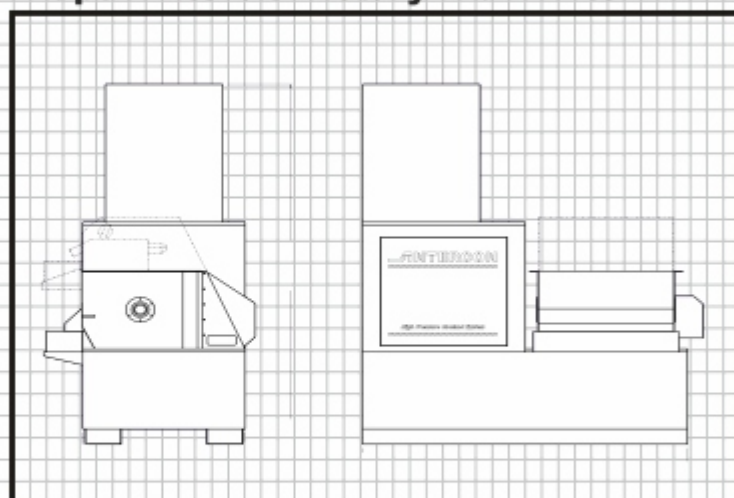
UNIVERSAL TYPE HIGH PRESSURE COOLANT SYSTEM



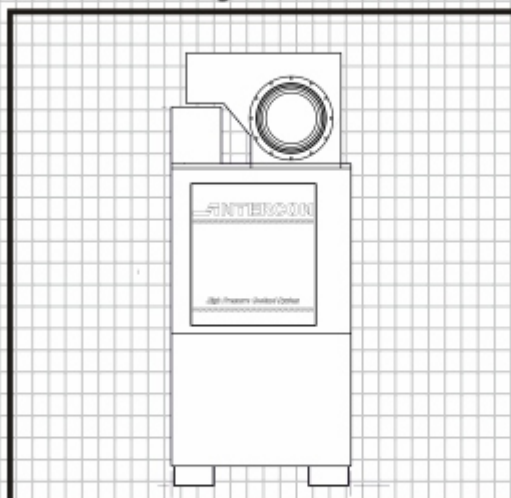
With Compact Type Automatic Paper Filter



With Chiller unit and Compact type Paper Filter / or Rotary Drum Filter



With Rotary Drum Filter



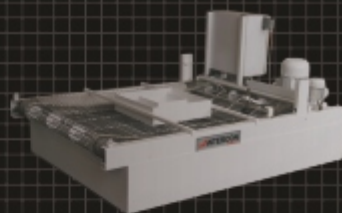
Standart Equipment

- ▶ Filter Unit (Automatic paper filter, Rotary drum filter, Bag filter)*
- ▶ Tank capacity (500 - 1000 litre)
- ▶ Tank coolant level switch (min. and max.)
- ▶ High Pressure Pump (15 - 140 Bar)
- ▶ By-pass relief valve
- ▶ Control panel (PLC control)

Optional Equipment

- ▶ Magnetic separator (for Automatic paper filter or Rotary Drum Filter)
- ▶ Chiller unit for storage tank
- ▶ Oil skimmer
- ▶ Wash gun
- ▶ Automatic adjustable pressure system.
3 pressure stages, 7 pressure stages
with M-code or Automatic

AUTOMATIC PAPER FILTER SYSTEMS



OKF Series



OKF Series

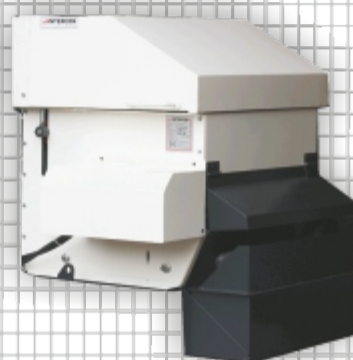
Compact Type Automatic Paper Filter



KKF Series



KKF-J Series



KKF-J Series



Magnetic separator (Optional)



Magnetic separator (Optional)



Chiller Unit (Optional)

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CHIP CONVEYOR SYSTEMS



COMPACT TYPE CHIP CONVEYOR

Hinge type and drag (scraper) type chip conveyor are made up of single body for unification. This structure has been adapted to the drum filter system.

In addition, the stainless steel drum filter is constantly cleaned by backwash pump from inside to allow for along time maintenance free working hours.

ICON-KP

DUAL BELT TYPE CHIP CONVEYOR SYSTEM

This system has a Hinge type conveyor to receive the long chips and discharge them to the chip bucket.

Any tiny chips with coolant coming down from the hinge type conveyor is received by the second layer scraper conveyor integrated in a stainless steel drum filter unit.

The filtered coolant is discharged to the clean tank and the long and tiny chips are disposed to the chip bucket.

The drum filter is cleaned by backwash pump from inside to allow long maintenance free working hours.



ICON-D



ICON-KF

Drag Type (Scraper) Chip Conveyor with Integrated Rotary Drum Filter.

The system has a rotating drum filter mounted in a modified scraper type conveyor.

The drum is powered by the same chains which drive the conveyor.

The system has a scraper type conveyor to received tiny chips.

The integrated rotary drum filter is used to filter the tiny chips and they are disposed to the chip bucket.

The drum filter is cleaned by backwash pump from inside to allow along maintenance free working hours.

HINGE TYPE CHIP CONVEYOR (STEELBELT CONVEYOR)

It has been designed to dispose out only long chips accumaleated on the conveyor hinge plates.

And it is applicable for chips longer than 30 mm length



ICON-P



ICON-K

DRAG TYPE CHIP CONVEYOR (SCRAPER CONVEYOR)

For disposing tiny chips.

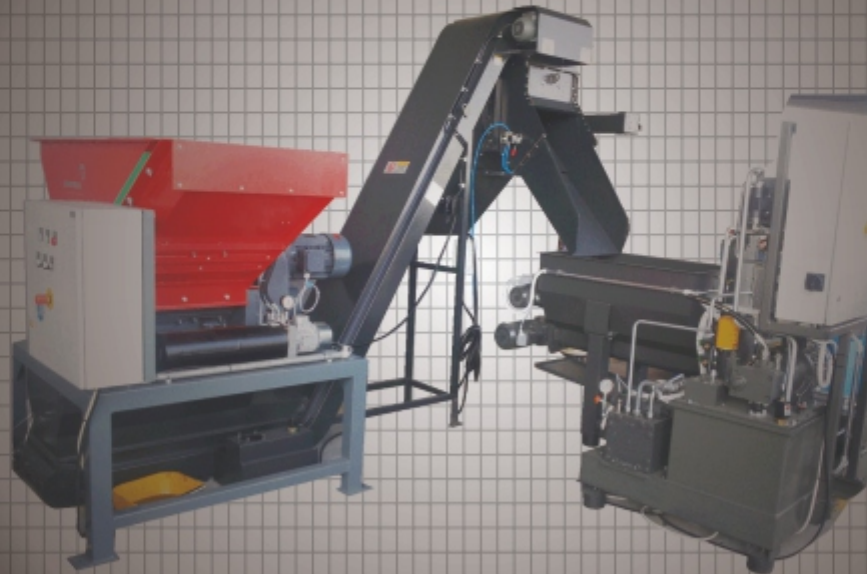
The system has a scraper type conveyor to receive tiny chips.

The tiny chips are scraper and disposed to the chip bucket.

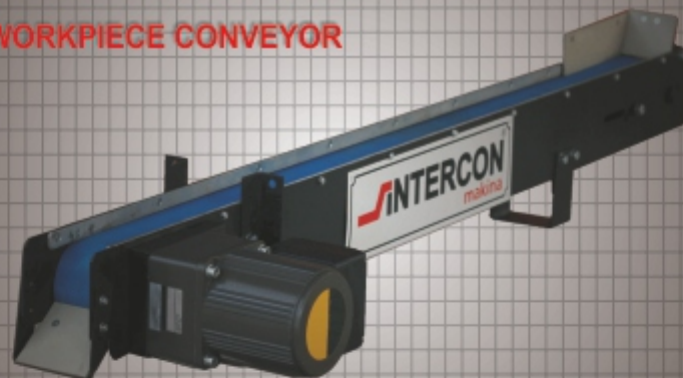
OTHER PRODUCTS



CHIP RECYCLING SYSTEM



PART CONVEYOR / WORKPIECE CONVEYOR



CHIP BUCKET



INTERCON MAKINA PRODUCT RANGE

1. Chip Conveyor Systems

- 1.1 ICON-KP Compact type chip conveyor (Universal conveyor system) Hinge type and drag type chip conveyor together with integrated rotary drum filter.
- 1.2 ICON-D Double type chip conveyor
- 1.3 ICON-KF Drag type chip conveyor with integrated rotary drum filter.
- 1.4 ICON-P Hinge type chip conveyor (Steelbelt conveyor).
- 1.5 ICON-K Drag type chip conveyor (Scraper conveyor)

2. Filtration Systems

- 2.1 ICON-OKF Gravity Band Filter (Automatic Paper Filter System)
- 2.2 ICON-KKF Compact Type Automatic Paper Filter
- 2.3 ICON-RDF Rotary Drum Filter
- 2.4 ICON-BF Bag Filter

3. High Pressure Coolant Systems.

- 3.1 ICON-YB/KKF High Pressure Coolant System with Compact Type Automatic Paper Filter system.
- 3.2 ICON-YB/OKF High Pressure Coolant System with Rotary Drum Filter system.
- 3.3 ICON-YB/BF High Pressure Coolant System with Bag Filter System.

4. Other Products.

- 4.1 Chip Recycling Systems.
- 4.2 Part Conveyor / workpiece Conveyor.
- 4.3 Chip bucket.



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