FIMIC Srl

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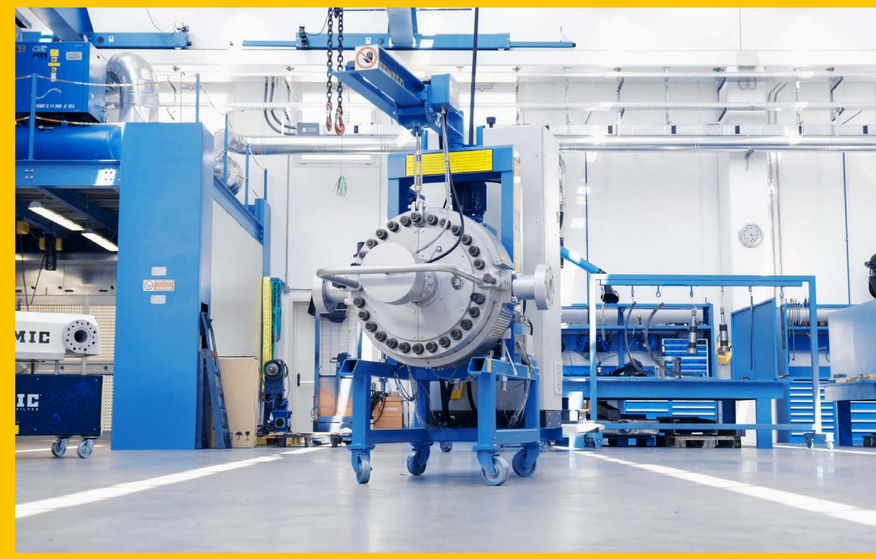
FIMIC®

ITALIAN.MELT.FILTER



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RAS

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GEM

GUILLOTINES

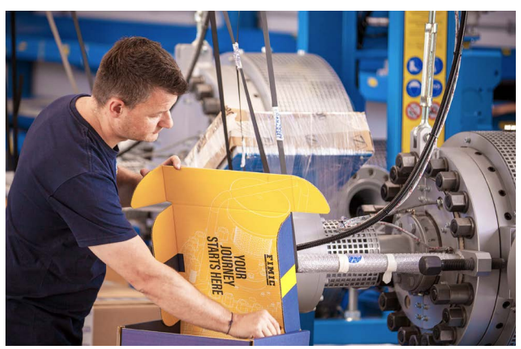
ARE YOU R

OUR FILTRATION TECHNOLOGY IMPROVES THE QUALITY OF YOUR POST-CONSUMER MATERIAL !

DISCOVER HOW...

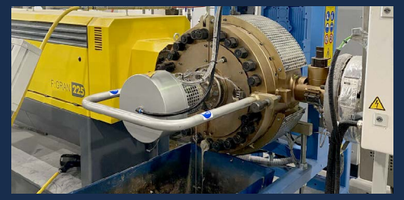
VIDEO QR
ITALIAN MELT FILTER
ITALIAN MELT FILTER
FIMIC

**When a team works with passion,
let it free to create.
Just sit back and enjoy the show.**



FIMIC
ITALIAN MELT FILTER

EXAMPLE OF INSTALLATION



EXAMPLE OF FILTRATION

Unwashed post-consumer LDPE / LLDPE films - 150 micron

INLET

CONTAMINATION

OUTLET

Unwashed post-consumer HDPE regrinds - 150 micron

INLET

CONTAMINATION

OUTLET

RAS

AUTOMATIC SCRAPING NO OPERATOR'S INTERVENTION

The easiest way to recycle your post-industrial and post-consumer plastics.

АВТОМАТИЧЕСКАЯ ЗАЧИСТКА БЕЗ УЧАСТИЯ ОПЕРАТОРА
Простейший способ утилизации отходов из пластика, создаваемых в результате производственного процесса и использованными изделиями.

AUTOMATYCZNE SKROBANIE NIE WYMAGA INTERWENCJI OPERATORA
Najłatwiejszy sposób na poddanie recyklingowi odpadów z tworzyw sztucznych wytwarzanych w procesach przemysłowych i pużytkowych.

AUTOMATINIS GRANDANTIS NEREIKIA OPERATORIAUS
Lengviausias būdas perdirbti pramonėje naudotas arba vartotojų plastiko atliekas.

OTOMATİK KAZIMA OPERATÖR MÜDAHALESİ GEREKMEZ
Sanayi sonrası ve tüketici sonrası plastiklerinizi geri dönüştürmenin en kolay yolu.

VIDEO QR

ITALIAN MELT FILTER · RAS · FIMIC

WATCH THE VIDEO

TECHNICAL INFORMATION

Diameter (mm)	Surface (cm²)
325	779
400	1206
500	1912
600	2776
700	3796

Filtration

Micron Laser: 80 - 100 - 120 - 150 - 200 - 250 - 300
Micron Punched: 400 - 500 - 600 - 800 - 1000 - 1500 - 2000

Mesh Laser: 180 - 140 - 130 - 100 - 70 - 60 - 50
Mesh Punched: 40 - 35 - 30 - 20 - 18 - 14 - 10

Materials

PP / LDPE / LLDPE / HDPE / PS / EPS / XPS / ABS / PVB / PVC / TPU / PET

FILTRATION POSSIBILITIES

PUNCHED

LASER

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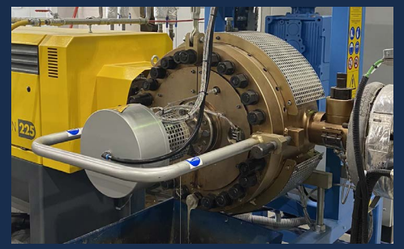
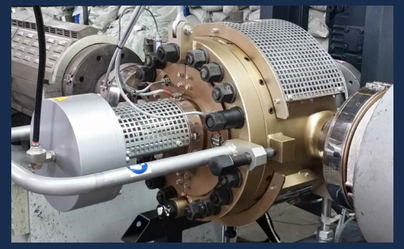
ITALIAN MELT FILTER

EXAMPLE OF INSTALLATION





EXAMPLE OF FILTRATION

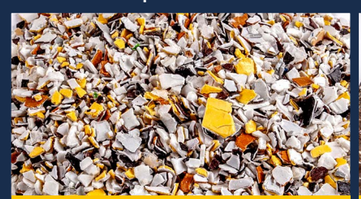
Washed post-consumer PP regrinds - 150 micron

INLET

CONTAMINATION

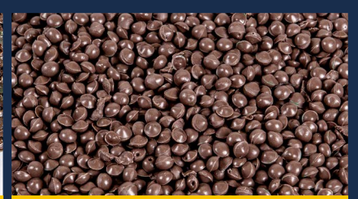
OUTLET

Unwashed post-industrial PS regrinds - 200 micron



INLET

CONTAMINATION



OUTLET

RAS+REF

AUTOMATIC FLEXIBLE SCRAPING OR BACKFLUSHING

Two technologies basing on contamination.

АВТОМАТИЧЕСКАЯ НАСТРАИВАЕМАЯ ЗАЧИСТКА ИЛИ ОБРАТНОЕ ПРОМЫВАНИЕ
Две технологии, основанные на загрязнении.

AUTOMATYCZNE ELASTYCZNE SKROBANIE LUB PŁUKANIE WSTECZNE
Dwie technologie oczyszczania.

AUTOMATINIS LANKSTUS GRANDANTIS IR PERPLAUNANTIS ATGALINIU SRAUTU
Dvi taršai mažinti skirtos technologijos.

OTOMATİK ESNEK KAZIMA VEYA TERS YIKAMA
Kontaminasyon üzerine iki teknoloji.

VIDEO QR — ITALIAN MELT FILTER — RAS+REF — FIMIC

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TECHNICAL INFORMATION

Diameter (mm)	Surface (cm2)
325	779
400	1206
500	1912
600	2776
700	3796

Filtration

Micron Laser: 80 - 100 - 120 - 150 - 200 - 250 - 300
Micron Punched: 400 - 500 - 600 - 800 - 1000 - 1500 - 2000

Mesh Laser: 180 - 140 - 130 - 100 - 70 - 60 - 50
Mesh Punched: 40 - 35 - 30 - 20 - 18 - 14 - 10

Materials

PP / LDPE / LLDPE / HDPE / PS / EPS / XPS / ABS / PVB / PVC / TPU / PET

FILTRATION POSSIBILITIES

PUNCHED — LASER — MESH

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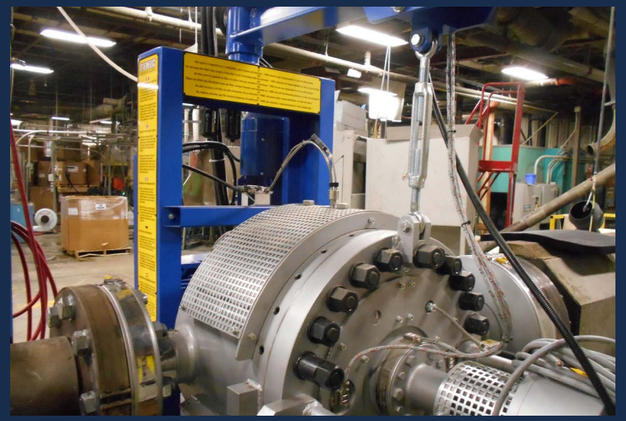
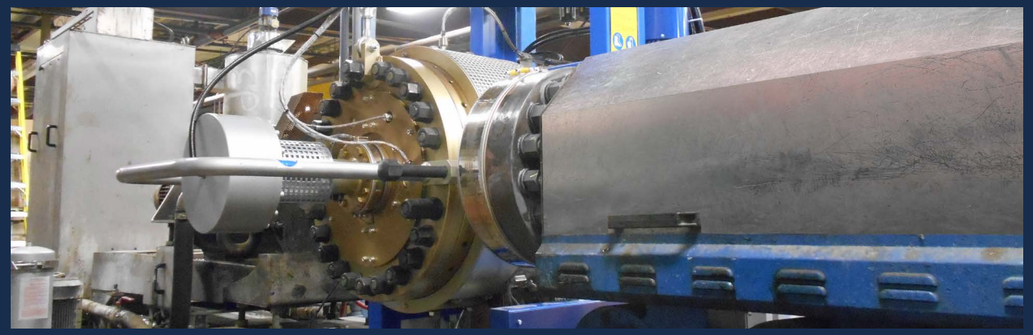
ITALIAN MELT FILTER

RAS+REF

EXAMPLE OF INSTALLATION





EXAMPLE OF FILTRATION

Washed post-consumer HDPE regrinds - 100 micron

INLET

CONTAMINATION

OUTLET

Unwashed post-consumer EPS / XPS - 200 micron

INLET

CONTAMINATION

OUTLET

ERA

AUTOMATIC SCRAPING TWO DIFFERENT FILTRATIONS

The most economical way to recycle heavily contaminated plastics in two steps.

ЗАЧИСТКА ДВЕ НЕЗАВИСИМЫЕ ФИЛЬТРАЦИИ
Максимально экономичный способ утилизации сильно загрязненного пластика в два этапа.

SKROBANIE DWA ODDZIELNE PROCESY FILTROWANIA
Najtańszy sposób na poddanie recyklingowi silnie zanieczyszczonych tworzyw sztucznych w dwuetapowym procesie.

GRANDANTIS DU SKIRTINGI FILTRAVIMAI
Ekonomiškiausias būdas dviem etapais perdirbti ypač užterštą plastiką.

KAZIMA İKİ FARKLI FİLTRELEME
Yüksek oranda kontamine plastikleri iki adımda geri dönüştürmenin en ekonomik yolu.

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ERA
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TECHNICAL INFORMATION

Diameter (mm)	Surface (cm²)
500	1912 (x2)
600	2776 (x2)
700	3796 (x2)

Filtration

Micron Laser: 80 - 100 - 120 - 150 - 200 - 250 - 300
Micron Punched: 400 - 500 - 600 - 800 - 1000 - 1500 - 2000

Mesh Laser: 180 - 140 - 130 - 100 - 70 - 60 - 50
Mesh Punched: 40 - 35 - 30 - 20 - 18 - 14 - 10

Materials

PP / LDPE / LLDPE / HDPE / PS / EPS / XPS / ABS / PVB / TPU

FILTRATION POSSIBILITIES

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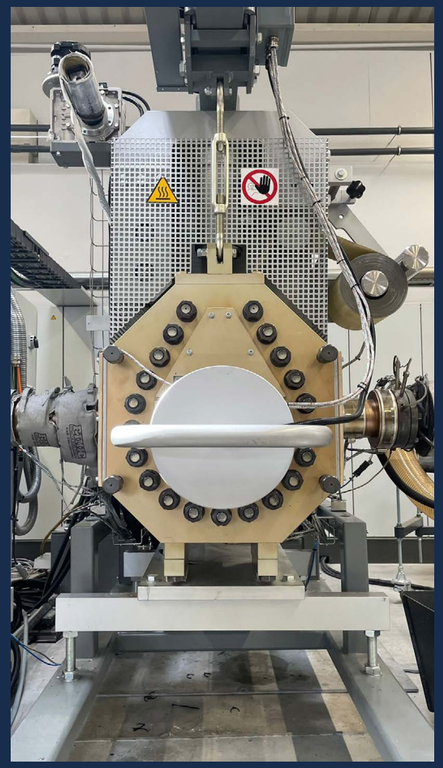
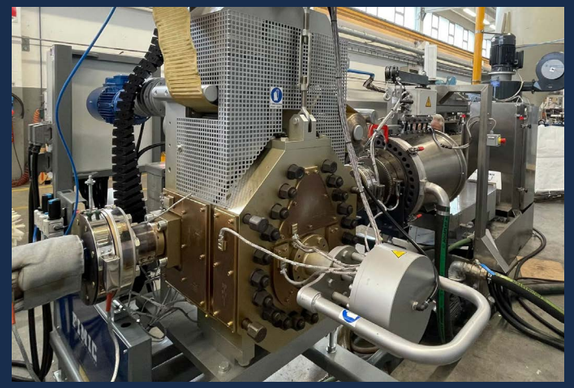
ITALIAN MELT FILTER

EXAMPLE OF INSTALLATION





EXAMPLE OF FILTRATION

Washed end of life PP ASR regrinds - 150 micron

INLET

CONTAMINATION

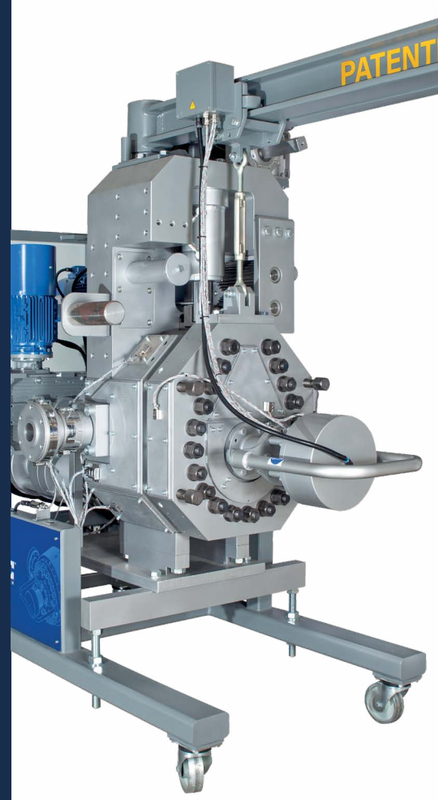
OUTLET

Unwashed TPU post-industrial regrinds - 150 micron

INLET

CONTAMINATION

OUTLET



TEN

AUTOMATIC CONTINUOUS BELT FILTER FOR LOW CONTAMINATION LEVELS

The simplest automatic screen changer to get the top quality level for the cleaner waste streams.

АВТОМАТИЧЕСКИЙ НЕПРЕРЫВНЫЙ ЛЕНТОЧНЫЙ ФИЛЬТР ДЛЯ УСТРАНЕНИЯ НЕБОЛЬШИХ ЗАГРЯЗНЕНИЙ
Максимально простой автоматический фильтрозаменитель, обеспечивающий превосходное качество чистки при утилизации отходов.

AUTOMATINIS NUOLAT VEIKIANTIS JUOSTINIS FILTRAS MAŽIEMS TARŠOS LYGIAMS UŽTIKRINTI
Paprasčiausias automatinis filtrų keitiklis, kad būtų užtikrinta aukščiausia kokybė su švaresniais atliekų srautais.

AUTOMATYCZNE CIĄGŁE TAŚMY FILTRACYJNE DO MAŁYCH ZANIECZYSZCZEŃ
Najprostrzy automatyczny zmieniacz sit zapewniający najwyższą jakość czyszczenia strumeni odpadów.

OTOMATİK KESİNTİSİZ KAYIŞ FİLTRE DÜŞÜK KONTAMİNASYON SEVİYELERİ İÇİN
Dana temiz atık akışlarında en üst düzey kaliteyi elde etmek için en basit otomatik elek değiştirici.

VIDEO QR

WATCH THE VIDEO

TECHNICAL INFORMATION

Diameter (mm)	Surface (cm²)
330	1590

Filtration

Micron: 60 - 80 - 100 - 150 - 200 - 250 - 300 - 400 - 500 - 600 - 800 - 1000 - 1500 - 2000

Mesh: 180 - 140 - 100 - 70 - 60 - 50 - 40 - 35 - 30 - 20 - 18 - 14 - 10

Materials

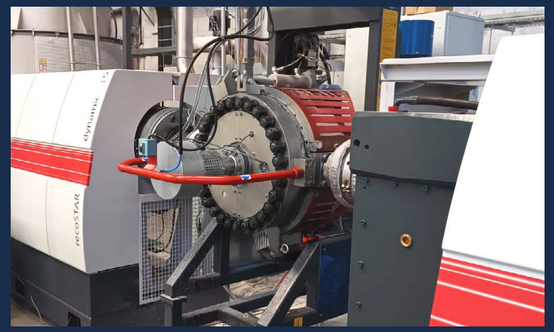
PP / LDPE / LLDPE / HDPE / PS / ABS

FILTRATION POSSIBILITIES

MESH

FIMIC ITALIAN MELT FILTER

EXAMPLE OF INSTALLATION



EXAMPLE OF FILTRATION

Washed post-consumer LDPE / LLDPE films - 120 micron

INLET

CONTAMINATION

OUTLET

Washed post-consumer HiPS WEEE regrinds – 100 micron

INLET

CONTAMINATION

OUTLET

GEM

THE LARGEST FILTRATION SURFACE ONLY ONE FILTER FOR HIGH OUTPUT REQUIREMENTS

The melt filter with the largest filtration surface on only two screens in the market.

ЕДИНСТВЕННЫЙ ФИЛЬТР С МАКСИМАЛЬНОЙ ФИЛЬТРУЮЩЕЙ ПОВЕРХНОСТЬЮ ДЛЯ ОБЕСПЕЧЕНИЯ ВЫСОКОЙ ПРОИЗВОДИТЕЛЬНОСТИ
Фильтр для расплава с максимальной фильтрующей поверхностью всего на двух фильтрах, представленных на рынке. Максимально простой автоматический фильтрозаменитель, обеспечивающий превосходное качество чистки при утилизации отходов.

DIDŽIAUSIAS FILTRAVIMO PAVIRŠIUS TIK VIENAS FILTRAS DIDELIO NAŠUMO POREIKIAMS
Lydalo filtras su didžiausiu filtravimo paviršiumi tik dviejuose rinkoje parduodamuose filtruose. Paprasčiausias automatinis filtrų keitiklis, kad būtų užtikrinta aukščiausia kokybė su švaresniais atliekų srautais.

NAJWIĘKSZA POWIERZCHNIA FILTRACYJNA POJEDYNCZEGO FILTRA DOSTOSOWANA DO WYSOKICH WYMAGAŃ PRODUKCYJNYCH
Filtr do stopów o największej dostępnej na rynku powierzchni filtracyjnej opartej na dwóch sitach. Najprostrzy automatyczny zmieniacz sit zapewniający najwyższą jakość czyszczenia strumeni odpadów.

YALNIZCA TEK BİR FİLTREDE EN BÜYÜK FİLTRELEME YÜZEYİ YÜKSEK ÇIKIŞ GEREKSİNİMLERİ İÇİN
Piyasada yalnızca iki elekte olan en büyük filtreleme yüzeyine sahip erimiş ürün filtresi. Dana temiz atık akışlarında en üst düzey kaliteyi elde etmek için en basit otomatik elek değiştirici.

TECHNICAL INFORMATION

Diameter (mm)	Surface (cm2)
600	5552
700	7592

Filtration

Micron Laser: 80 - 100 - 120 - 150 - 200 - 250 - 300
Micron Punched: 400 - 500 - 600 - 800 - 1000 - 1500 - 2000

Mesh Laser: 180 - 140 - 130 - 100 - 70 - 60 - 50
Mesh Punched: 40 - 35 - 30 - 20 - 18 - 14 - 10

Materials

PP / LDPE / LLDPE / HDPE / PS / EPS / XPS / ABS / PVB

FILTRATION POSSIBILITIES

PUNCHED

LASER

FIMIC
ITALIAN MELT FILTER

EXAMPLE OF INSTALLATION

GUILLOTINES

STRONG
SAFE
HIGHLY CUSTOMIZED

ПРОЧНОСТЬ
БЕЗОПАСНОСТЬ
ВЫСОКАЯ АДАПТИВНОСТЬ ПОД ТРЕБОВАНИЯ ЗАКАЗЧИКА

STIPRUS
SAUGUS
YPAČ PRITAIKOMAS

SIŁA
BEZPIECZEŃSTWO
BARDZO WYSOKI STOPIEŃ DOSTOSOWANIA DO POTRZEB KLIENTA

GÜÇLÜ
GÜVENLİ
SON DERECE ÖZELLEŞTİRİLEBİLİR

TECHNICAL INFORMATION

C 60
Cutting power 60 ton

Cutting Dimension (mm)
1.600 x 1.200
1.600 x 1.600
2.000 x 1.200

C 100
Cutting power 100 ton

Cutting Dimension (mm)
1.600 x 1.200
2.000 x 1.200
2.600 x 1.200
1.600 x 1.600
2.000 x 1.600

C 120
Cutting power 120 ton

Cutting Dimension (mm)
2.000 x 1200
2.600 x 1.200

ECO 30
Cutting power 30 ton

Cutting Dimension (mm)
1.200 x 1.200
1.600 x 1.200
1.600 x 1.600
2.000 x 1.200
2.000 x 1.600

ECO 60
Cutting power 60 ton

Cutting Dimension (mm)
2.000 x 1.200
2.000 x 1.600
2.600 x 1.200
2.600 x 1.600

FIMIC
ITALIAN MELT FILTER

AreYouR: everything about plastic and its recycling

Are you R is a European project aimed at increasing public awareness of the importance of plastics recycling.

Share all you know about plastic recycling and **do your part** to highlight the value of this noble material.

Become an AreYouR sponsor
Contact us for more information:
commerciale@areyour.org

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AreYouR DUTCH
AreYouR GREEK
AreYouR GERMAN
AreYouR SPANISH
AreYouR PORTUGUESE

Our community is curious, loyal and active!

80.000 users
reached by our Facebook and Linkedin pages

9 informative pages in
6 languages

a target audience of
60.000 +
people per month

Our blog is followed by
2.500 people

An informed consumer is an informed buyer.

AREYOUR