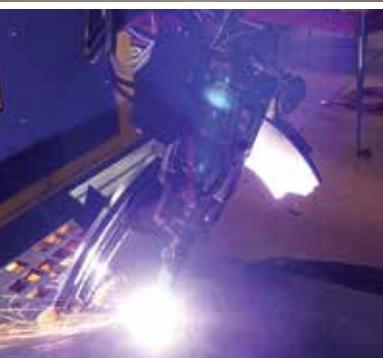


FUME & DUST FILTER FOR SHEET METAL PROCESSING MACHINES

TECU R01

RECOFIL™ | EASYFILL™



IMPROVES FILTRATION PERFORMANCE, REDUCES MANAGEMENT COSTS, KEEPS WORK ENVIRONMENT CLEAN AND SAFE

TECU R01 is a modular filter designed for suction and collection of fumes and dust generated by sheet metal processing machines: plasma cutting, laser cutting, flame cutting and sandblasting.

Due to the negative pressure created by a fan, fume is sucked through special cartridge filter elements inside the filter casing, which retain the pollutant, toxic particles.

On request, the TECU filter can be equipped with the accessory RECOFIL™ and EASYFILL™ systems for automatic recovery and disposal of the filtered dust.

Technical features

TECU R01

- Better performances, compact design dust collector
- Highly effective filtering moist-resistant cartridges with a larger filtering surface
- Programmable cleaning system
- Easy access for the maintenance of cartridges and solenoid valves, no ladders required
- Wide range available, from 4,000 to 24,000 m³/h (2350 to 14125 cfm)

RECOFIL™

AUTOMATIC DUST RECOVERY SYSTEM

Options

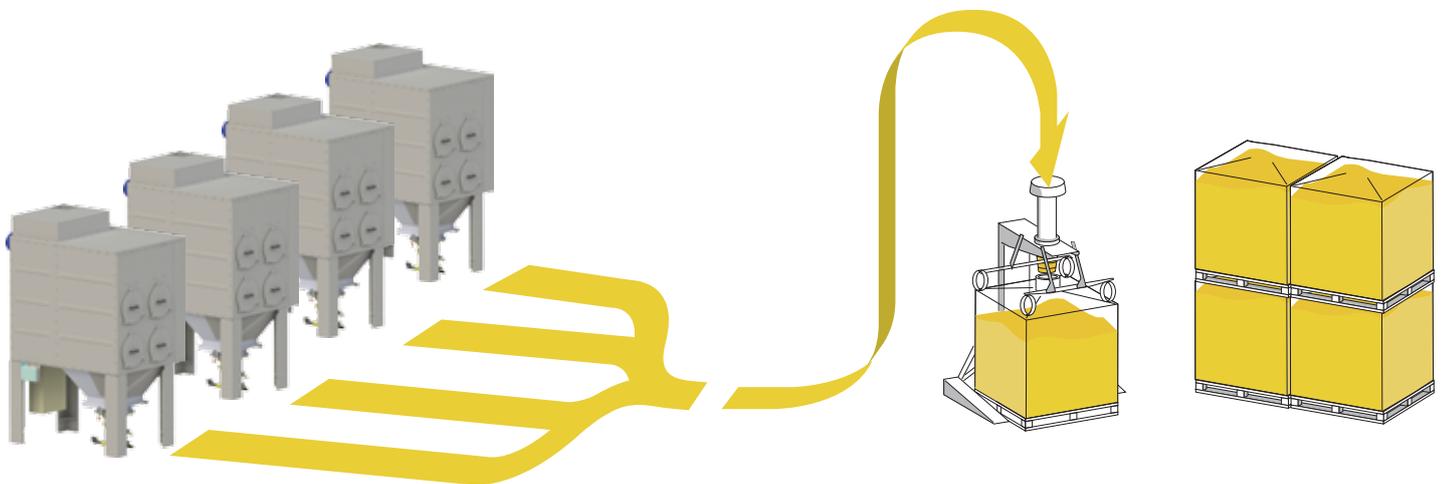
- Affordable, simple and reliable
- No machine downtime
- Low air consumption
- Easy installation

EASYFILL™

MODULAR BULK BAG FILLING SYSTEM WITH FILTER

Options

- Economical
- Transportable
- Practical
- Versatile
- Ecological

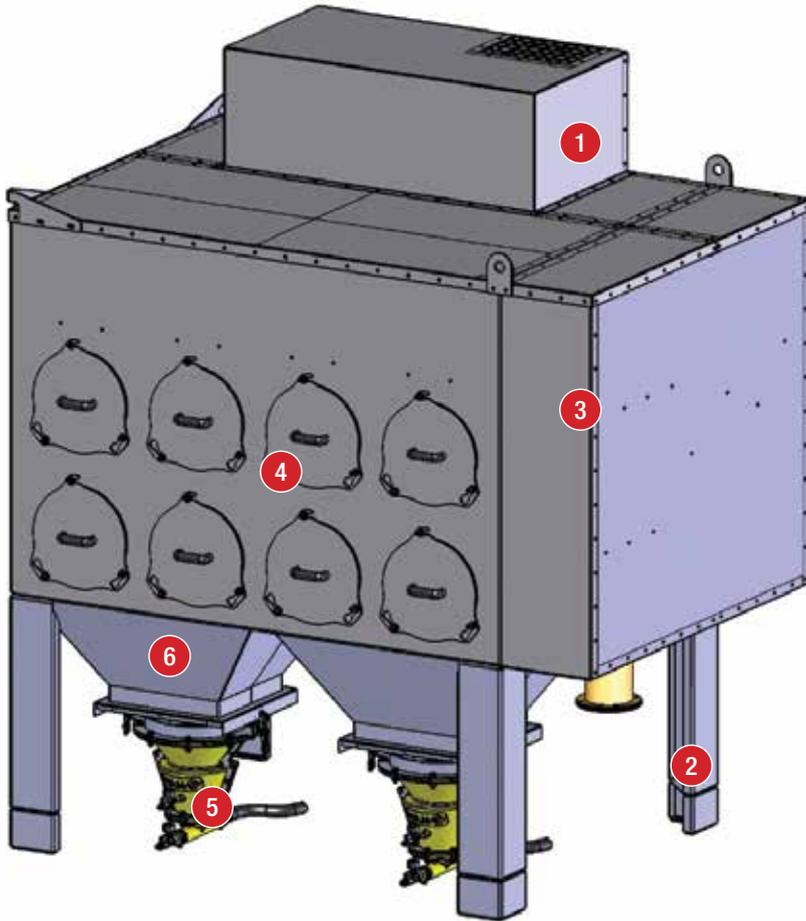


Up to 4 RECOFIL™

The EASYFILL™ Bulk Bag filling system can manage simultaneously up to 4 RECOFIL™ dust recovery systems

TECU R01

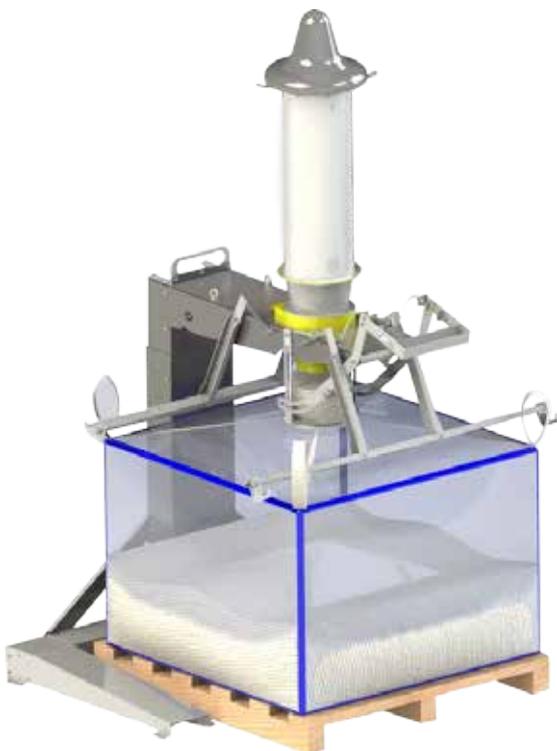
TECU R01 is a modular filter designed for suction and collection of fumes and dust generated by sheet metal processing machines. **Plasma cutting** and **Laser Cutting**.



RECOFIL™



EASYFILL™



- 1 **Integrated fan**
12-24 cartridges TECU with ground fan
- 2 **Control panel**
- 3 **Built-in spark trap**
- 4 **Round bags**
- 5 **RECOFIL™ dust recovery system**
- 6 **Dust collecting hopper**



Benefits

TECU R01

- ◇ Improved performance, compact design
- ◇ Emissions within the standards
- ◇ Warranty for 4000 operating hours
- ◇ Quick and easy maintenance

RECOFIL™

AUTOMATIC DUST RECOVERY SYSTEM

Options

- ◇ Reduces management costs
- ◇ Very low energy consumption
- ◇ Zero labour for filter emptying
- ◇ Quick release universal flange for all types of hoppers

EASYFILL™

MODULAR BULK BAG FILLING SYSTEM WITH FILTER

Options

- ◇ Minimises recovery and disposal costs
- ◇ Reduces logistics and storage costs
- ◇ Reduces assembly costs and allows adjustment to different Bulk Bag sizes
- ◇ Keeps the work environment clean and safeguards operator safety
- ◇ For all type of filters

SAFETY & ENVIRONMENT

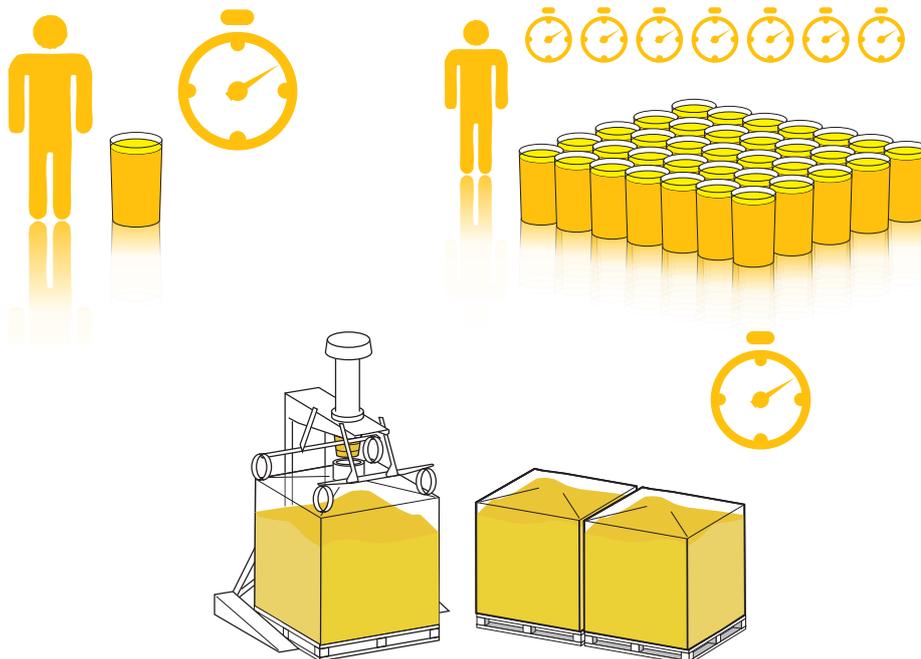
Safe: Built-in spark trap
Operator not in contact with dust



Eco-friendly: Keeps work environment clean
Avoids dust dispersion

Dust emissions < 5 mg/Nm³

Low management costs



Eliminates machine downtime and non-productive work phases.

Savings in time

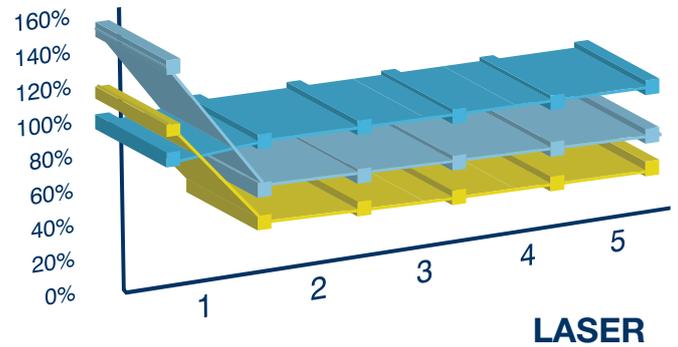
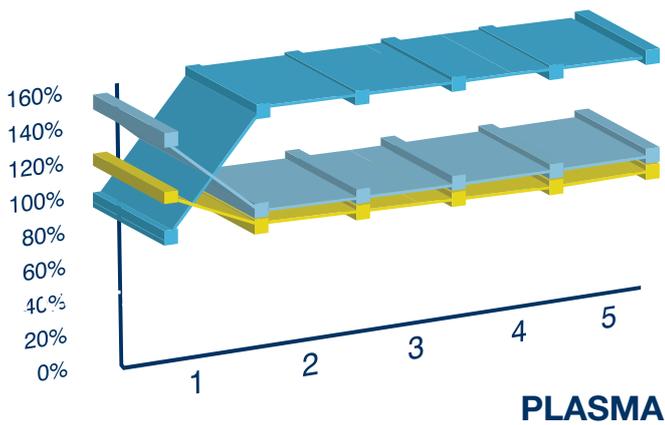
QUICK RETURN ON INVESTMENTS (ROI)

In combination with the innovative **RECOFIL™ dust recovery system** and the new **EASYFILL™ Bulk Bag filling system**, **TECU** ensures:

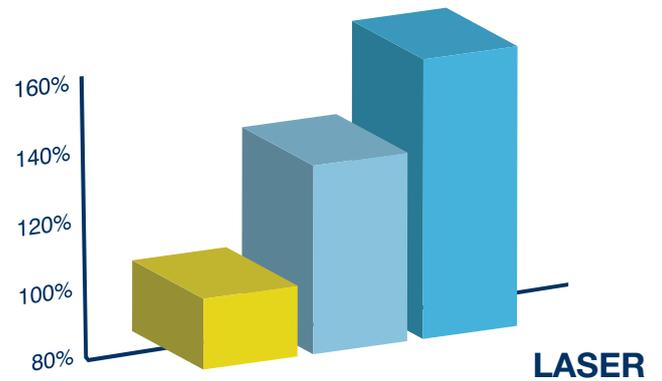
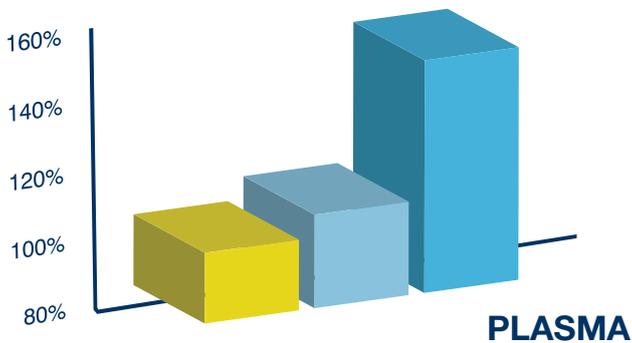
Management cost reduction from the first year

Maintenance cost reduction

ANNUAL MANAGEMENT COSTS



MANAGEMENT COSTS IN 5 YEARS



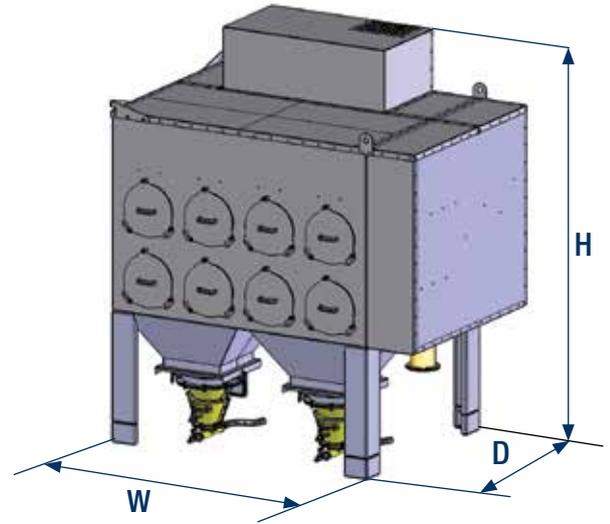
 **TECU with RECOFIL™**

 **Competitor with screw conveyor**

 **Competitor with bucket**

Configurations

Max Air flow [m³/h]	Cartridges No.	TECU R01 VERSION	Filtering surface [m²]	Fan capacity [kW]	W (mm)	D (mm)	H (mm)
4000	4	FLT040747DI	74	4	1,370	1,945	2,520
4000	4	FLT040748DI	74	5.5	1,370	1,945	2,520
4000	4	FLT040749DI	74	7.5	1,370	1,945	2,520
4000	4	FLT04074R	74	-	1,370	1,600	2,210
6000	6	FLT061110DI	111	7.5	1,466	1,984	3,020
6000	6	FLT06111ADI	111	9.2	1,466	1,984	3,020
6000	6	FLT06111R	111	-	1,466	1,540	2,710
8000	8	FLT08148BTI	148	11	2,420	2,039	2,645
8000	8	FLT08148CTI	148	15	2,420	3,029	2,645
8000	8	FLT08148R	148	-	2,420	1,550	2,010
12000	12	FLT12222CTTL	222	15	5,055	2,030	2,810
12000	12	FLT12222ETTL	222	18.5	5,055	2,030	2,810
12000	12	FLT12222CTTR	222	15	5,055	2,030	2,810
12000	12	FLT12222ETTR	222	18.5	5,055	2,030	2,810
12000	12	FLT12222R	222	-	2,530	1,650	2,810
24000	24	FLT24444FTT	444	22	5,060	1,650	2,810
24000	24	FLT24444R	444	-	5,060	1,650	2,810



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