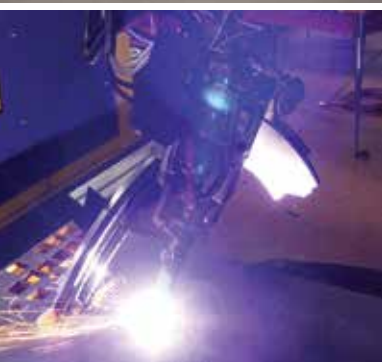


## FUME & DUST FILTER FOR SHEET METAL PROCESSING MACHINES

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

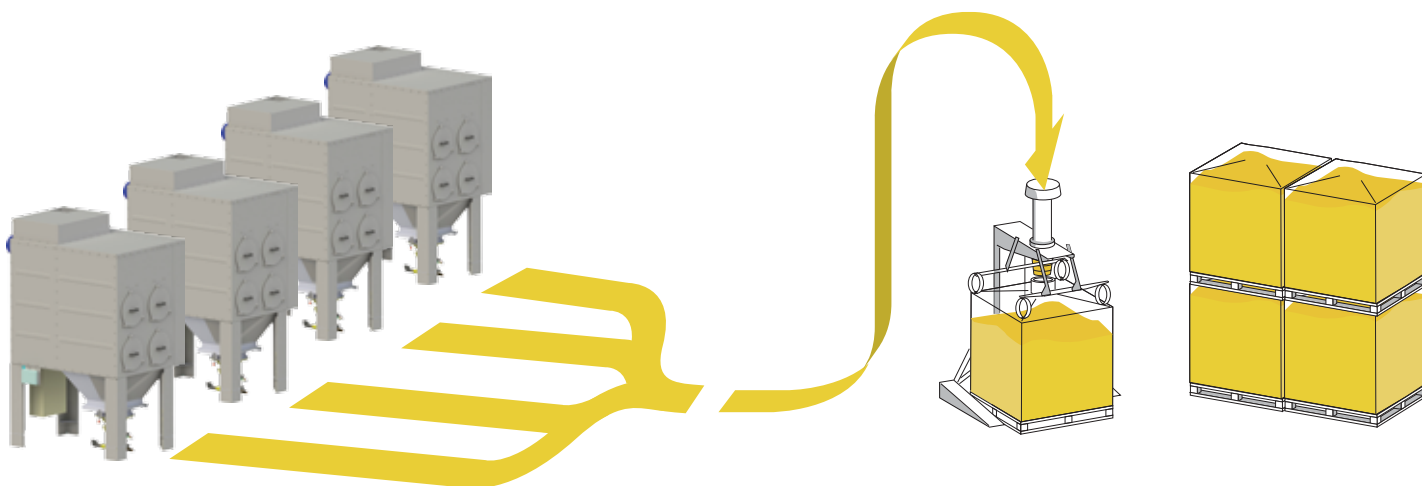
- Affordable, simple and reliable
- No machine downtime
- Low air consumption
- Easy installation

#### EASYFILL™

##### MODULAR BULK BAG FILLING SYSTEM WITH FILTER

###### Options

- Economical
- Transportable
- Practical
- Versatile
- Ecological

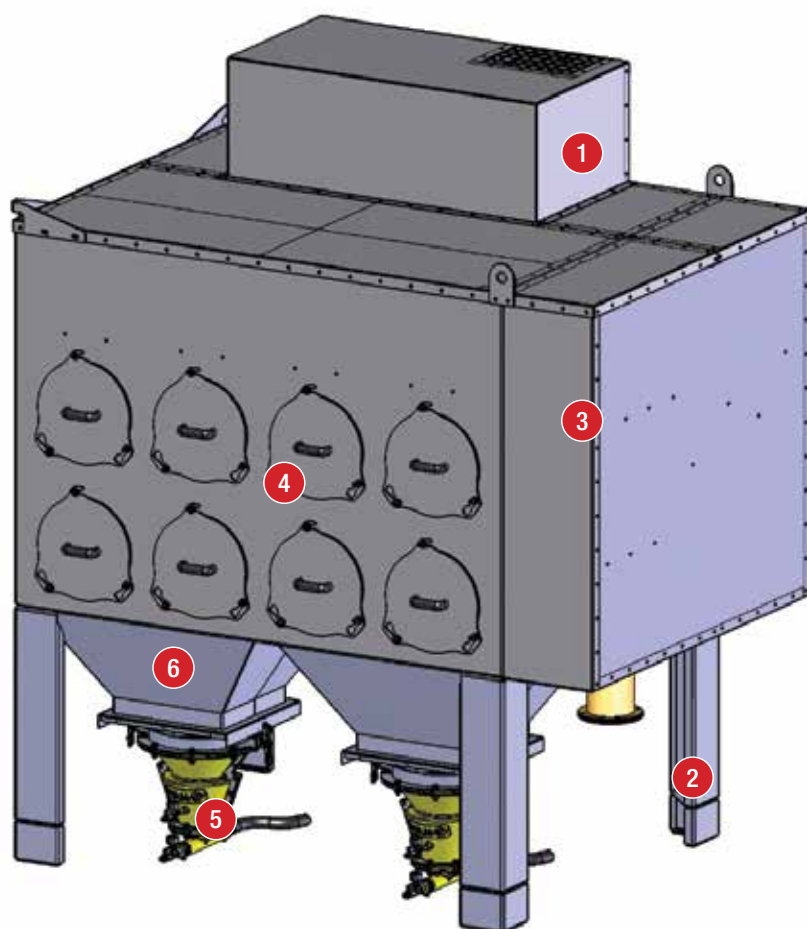


#### Up to 4 RECOFIL™

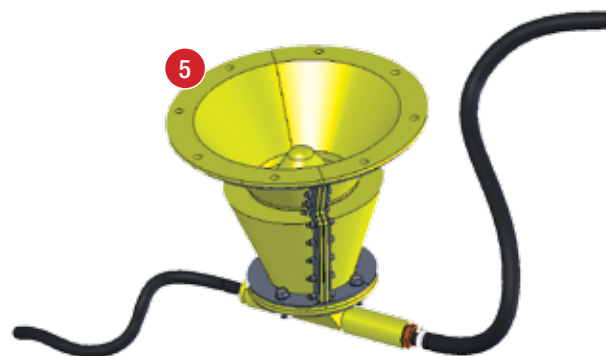
The EASYFILL™ Bulk Bag filling system can manage simultaneously up to 4 RECOFIL™ dust recovery systems

# TECU R01

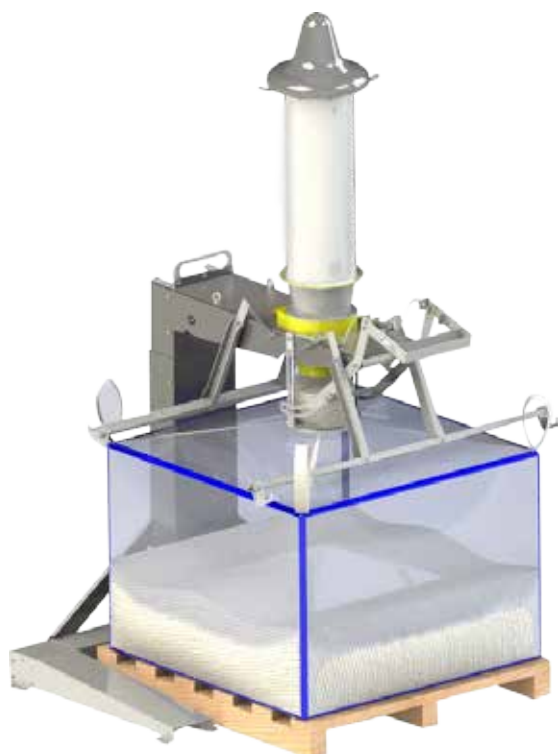
TECU R01 is a modular filter designed for suction and collection of fumes and dust generated by sheet metal processing machines. **Plasma cutting** and **Laser Cutting**.



# 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

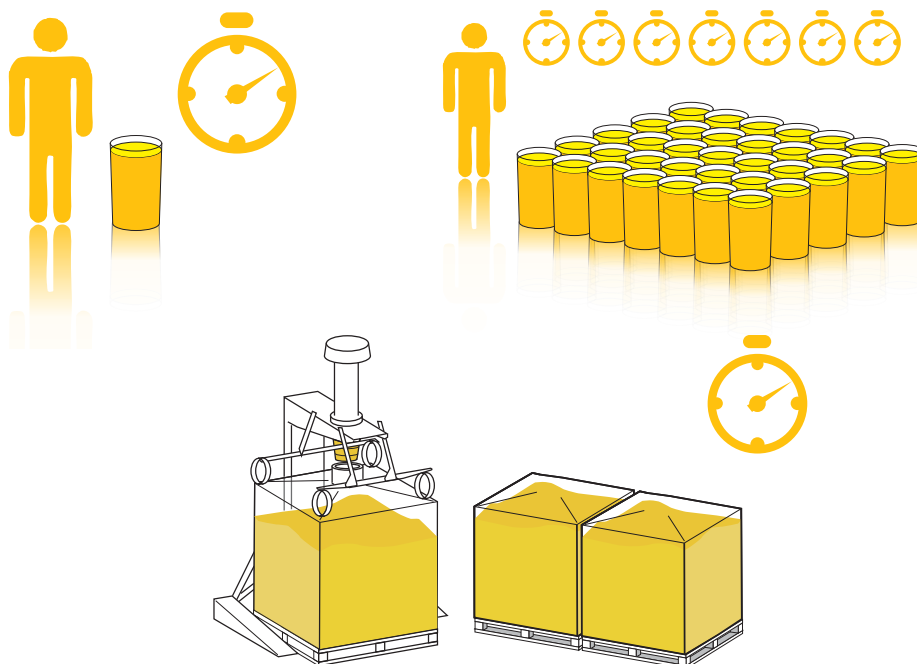
**Safe:** Built-in spark trap  
Operator not in contact with dust



**Eco-friendly:** Keeps work environment clean  
Avoids dust dispersion

Dust emissions < 5 mg/Nm<sup>3</sup>

## Low management costs



Eliminates machine downtime and non-productive work phases.



## Savings in time

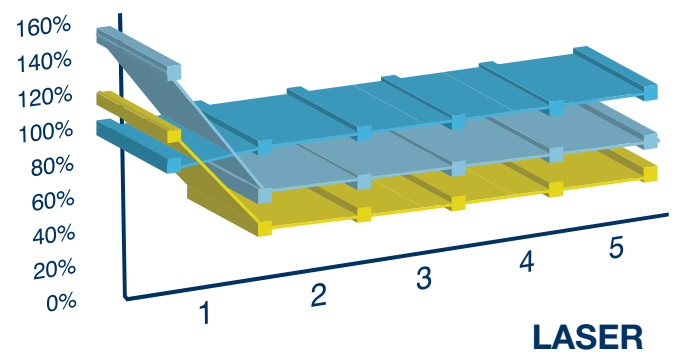
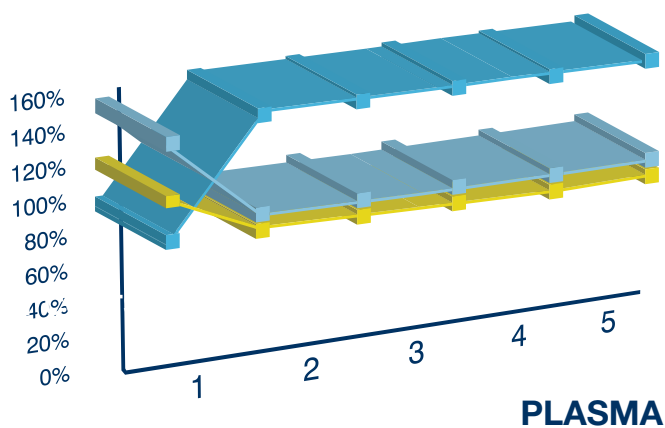
### QUICK RETURN ON INVESTMENTS (ROI)

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

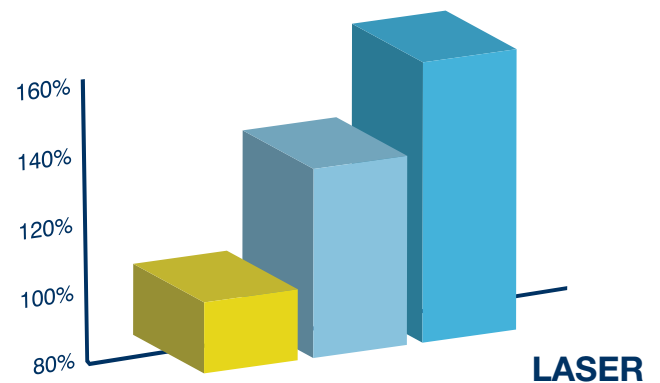
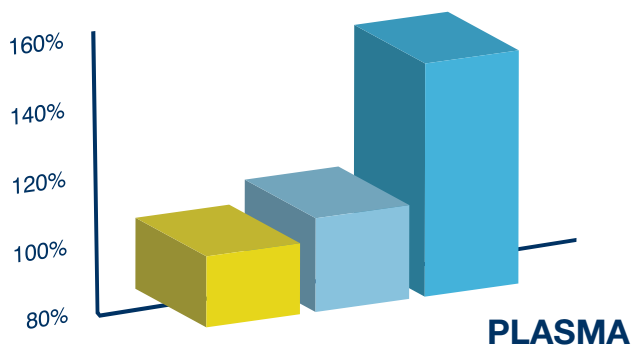
Management cost reduction from the first year

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	Filtrating 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

