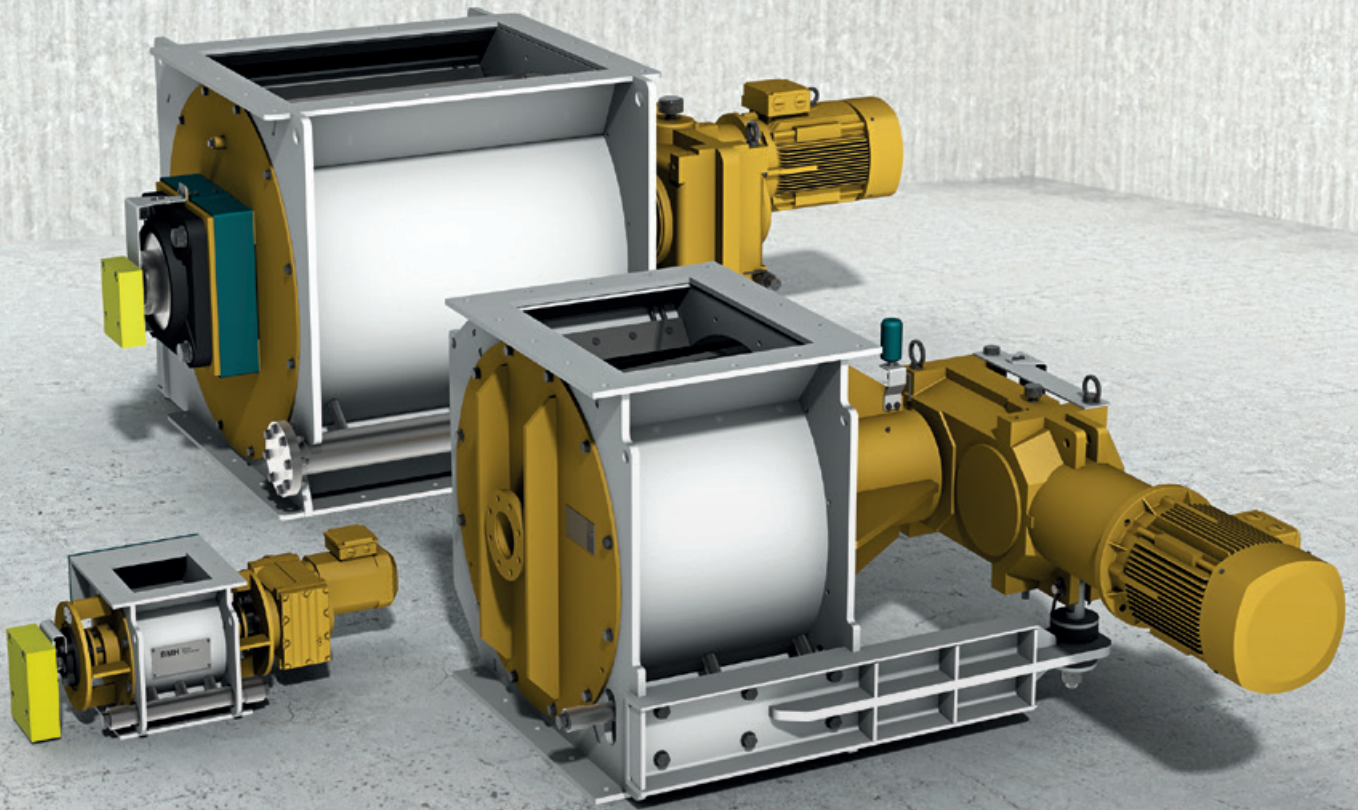


# ROTARY FEEDERS



FEEDING SOLUTIONS  
FOR SOLID MATERIALS





Over 250 plant deliveries  
around the world

We are creating Renewable Future Together.

1

**Renewable**

BMH DESIGNS AND BUILDS solutions for recycling, material recovery, renewable energy and recreation of raw materials.

2

**Future**

WE WANT TO BE an integral part of building greener and cleaner future globally.

3

**Together**

WE WORK TOGETHER with our customers and enable them to succeed in their businesses and environmental targets. This we do together within BMH as a team.

We create solutions for waste to be reborn as raw materials and renewable energy.

We have decades of experience in waste processing and biomass handling.



BMH TECHNOLOGY

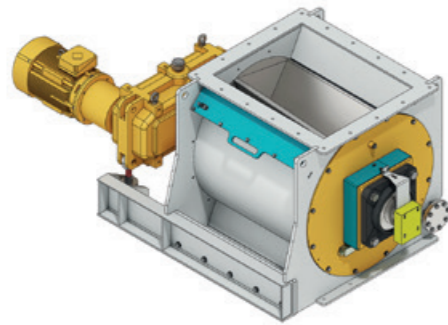
[bmh.fi](http://bmh.fi)



# Rotary feeders for solid materials

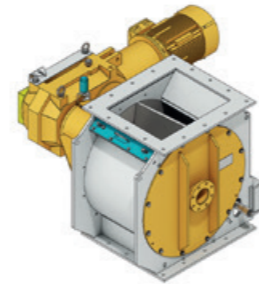
## LSF Serie

for general solid materials feeding (e.g. wood chips, crushed demolition waste wood, SRF, RDF, TDF )



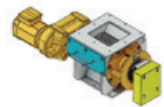
## LSC Serie

for sticky and challenging solid materials feeding (e.g. coal, sludge)

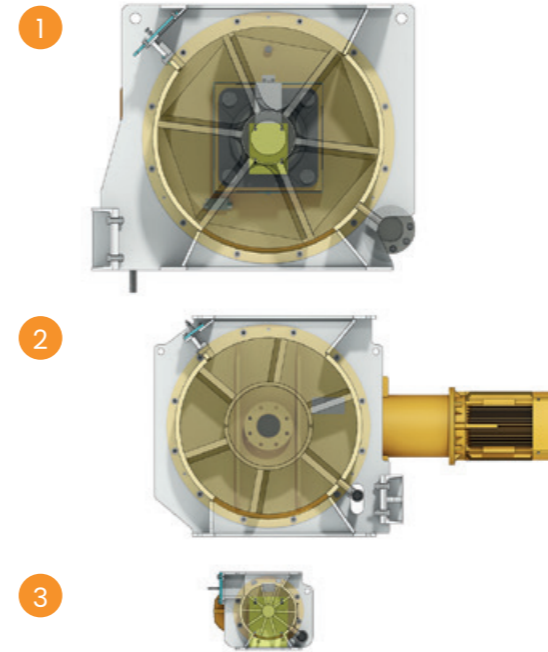


## LSAR Serie

for fine-grained solid materials feeding (e.g. ash, sand, lime)



We have delivered more than 1.000 successfully operating rotary feeders since 1970.



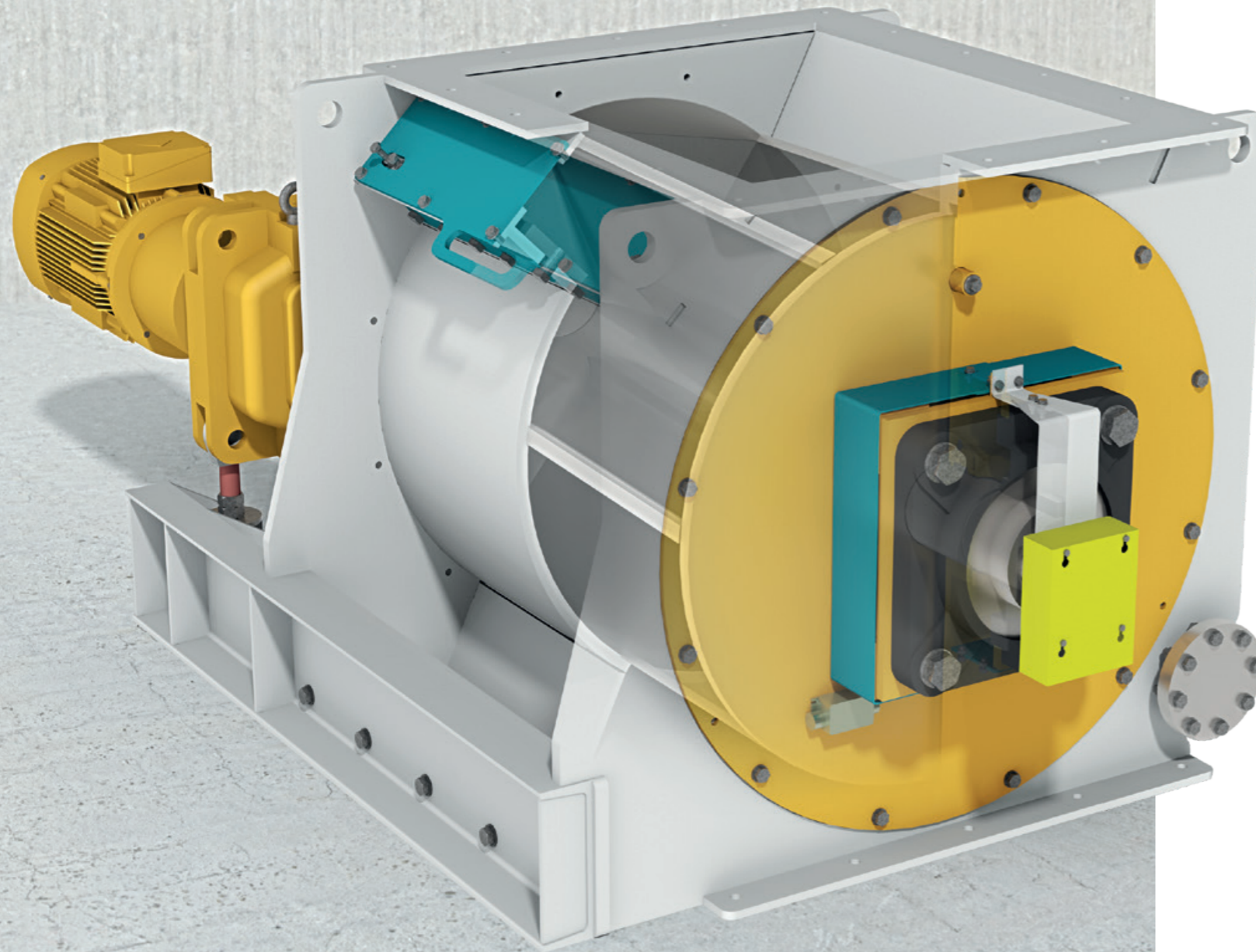
- 1 LSF serie rotary feeders
- 2 LSC serie rotary feeders
- 3 LSAR serie rotary feeders

**BMH rotary feeders have an impressive life cycle as they can be reconditioned & reused several times.**



**BMH Technology** is one of the leading global rotary feeder manufacturers. Our rotary feeders represent the strongest design, reliable operation, and long life cycle in the market for feeding of various solid materials. These are characteristics valued especially in the cement industry and other challenging fuel feeding applications.

**bmh.fi**



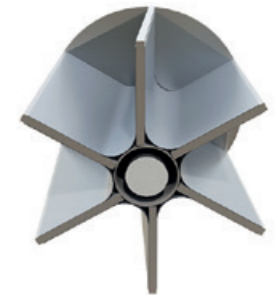
LSF serie rotary feeders provide a reliable standard solution for feeding the most typical solid fuels even at extremely high capacities.

### LSF SERIE

## High-capacity solution for bulk materials

**THE LSF SERIE ROTARY FEEDERS** are used in adjusting the flow of general grainy and dusty materials in various fuel feeding processes in power plants and cement kilns. They are ideal for

feeding and dosing solid materials, such as wood chips, bark, agro biomass, pellets, peat, crushed demolition waste wood, SRF, RDF and TDF.



The wings of the compartment wheel are made of wear-resistant steel and with stainless steel lining.

# 1

The robust LSF rotary feeder is reliable and needs only minor maintenance during operation.

# 2

Equipped with an extremely strong counter knife that cuts oversize particles to prevent blockages.

# 3

Armed with an easily releasable overload coupling that protects the gear from heavy impacts.

# 4

Possibility to feed sealing air inside the feeder to create an air barrier that prevents back flames and fumes.

☛ With these rotary feeders it's possible to handle capacities between 40-300 m<sup>3</sup>/h.

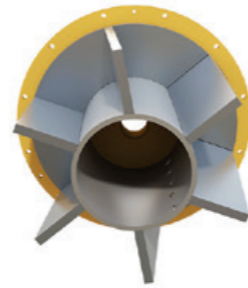
LSC serie rotary feeders go beyond handling standard fuels and excel also even with the most challenging and adhesive materials.

### LSC SERIE

## Superior performance for sticky materials

**THE LSC SERIE ROTARY FEEDERS** are designed for adjusting the flow of difficult and sticky materials in various fuel feeding processes in power plants and cement kilns. They are ideal for

feeding and dosing challenging solid materials, such as coal, sludge, high-moisture waste-based materials and materials with high organic content.



While the compartment wheel rotates around a middle tube, its wear-resistant steel wings prevent material sticking.

# 1

Special design that prevents challenging materials from sticking to the rotor.

# 2

Equipped with an extremely strong counter knife that cuts oversize particles to prevent blockages.

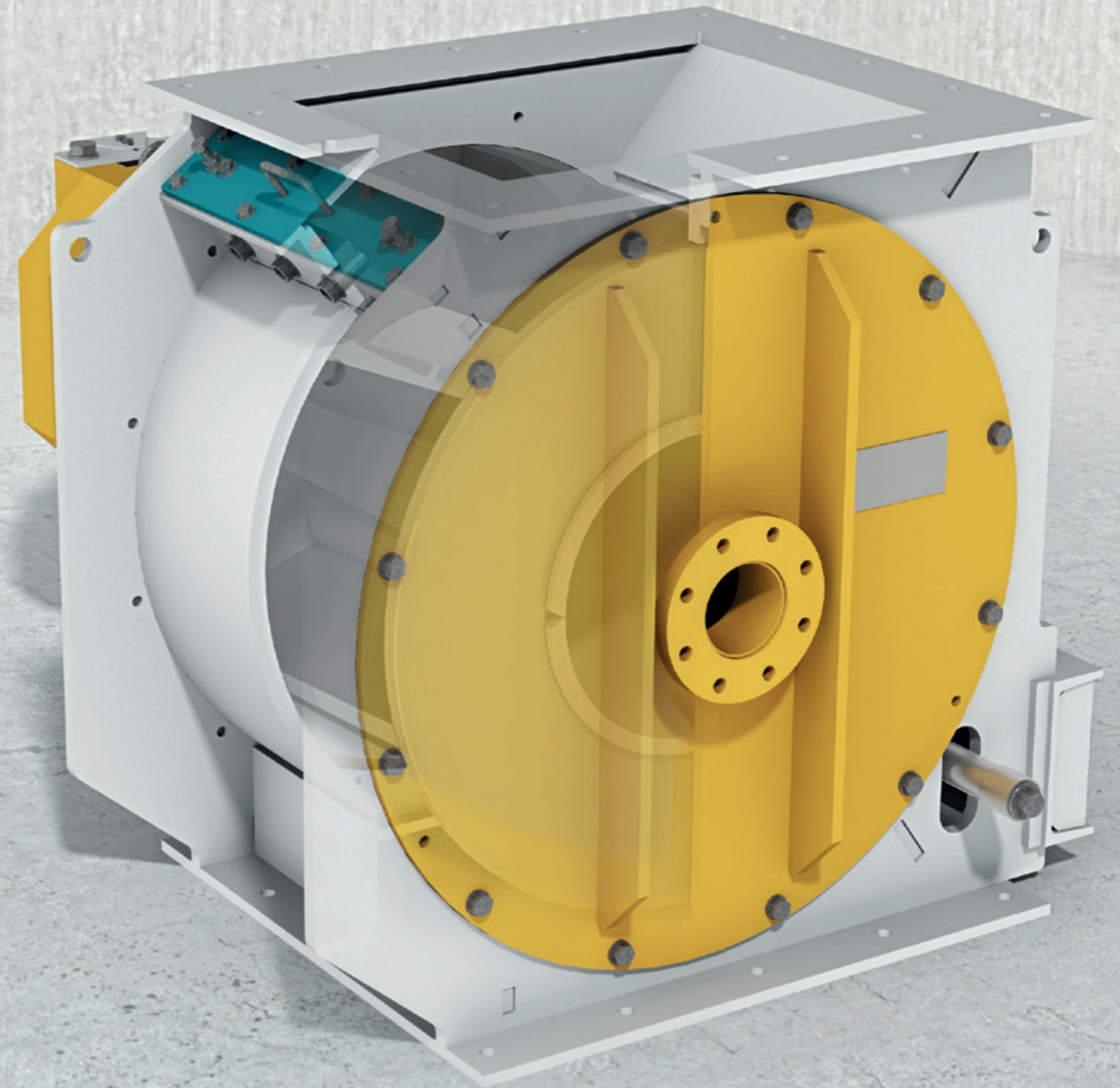
# 3

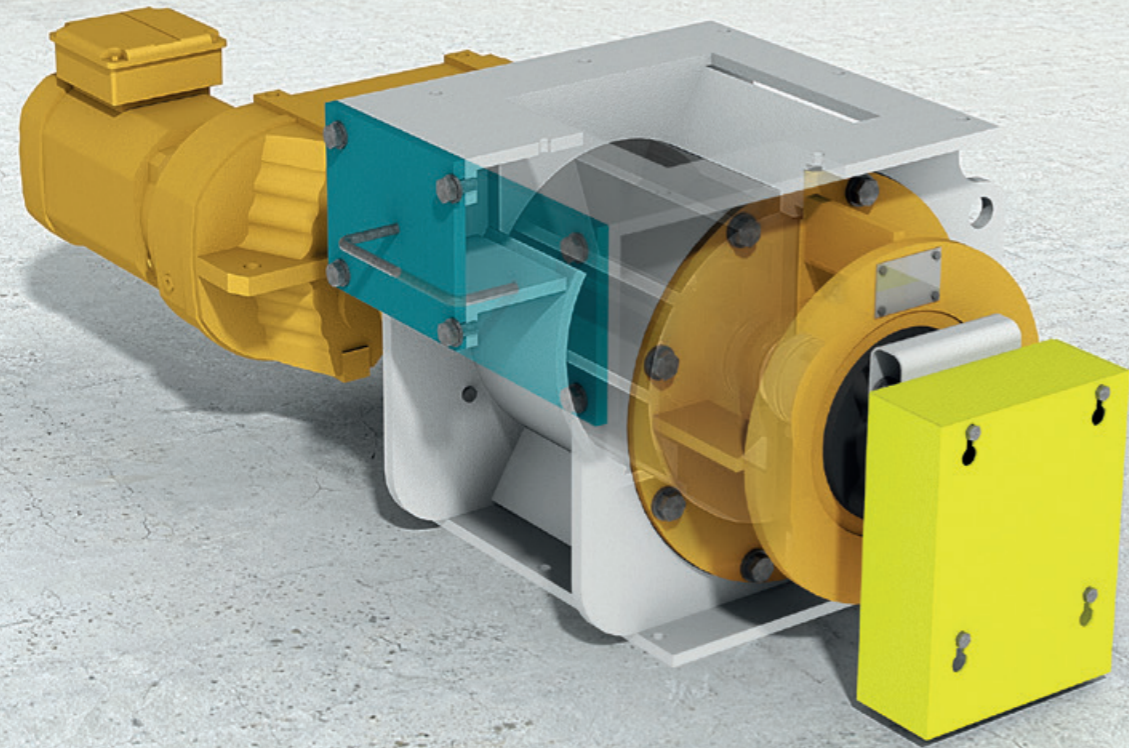
Armed with an easily releasable overload coupling that protects the gear from heavy impacts.

# 4

Possibility to feed sealing air inside the feeder to create an air barrier that prevents back flames and fumes.

With these rotary feeders it's possible to handle capacities between 30-190 m<sup>3</sup>/h.

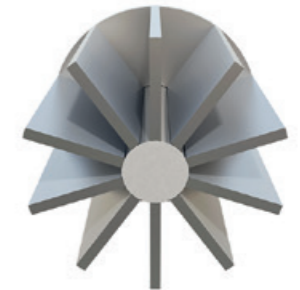




LSAR serie rotary feeders may be simple in design yet they outsmart more complex equipment in handling extremely dusty and fine-grained materials.

### LSAR SERIE

## Durable solution with dusty & abrasive materials



**THE LSAR SERIE ROTARY FEEDERS** are specifically used in adjusting the flow of extremely fine-grained and dusty materials in various sand feeding and ash

removal processes in power plants. They are ideal for feeding and dosing solid materials, such as ash, fly ash, sand, and lime.

It's possible to choose between several compartment wheel designs for different applications. In all designs the wings of the compartment wheel are made of wear-resistant steel.

# 1

Simplified and sealed design enables handling dusty materials and maintaining a dust-free environment.

# 2

Possibility for accurate dosing by adjusting the rotor's volume and rotation speed.

# 3

Robust rotor made of wear-resistant steel withstands abrasive materials and guarantees a long service-life.

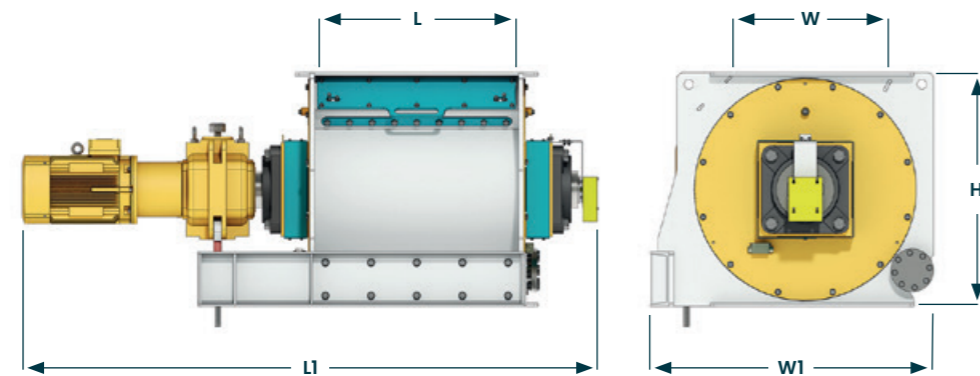
# 4

Reliable in operation and requires only minor maintenance.

☛ With these rotary feeders it's possible to handle capacities between 1-50 m<sup>3</sup>/h.

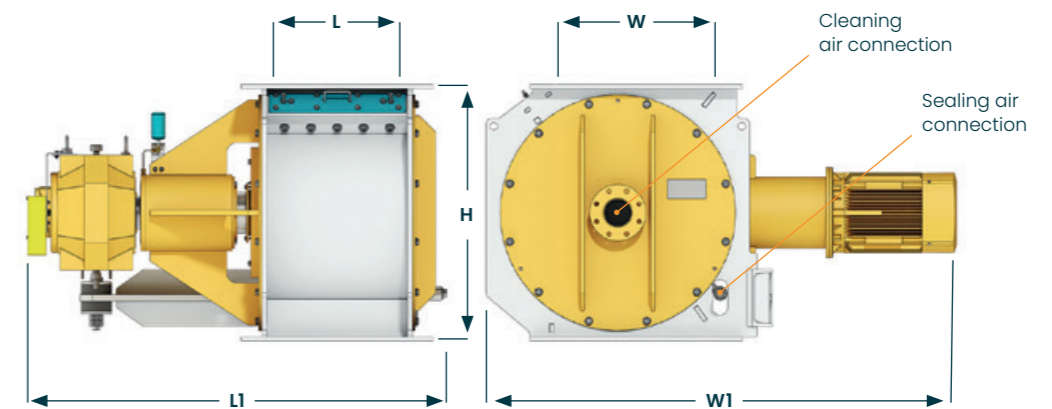
## LSF serie / Technical details

FEED OPENING (W / L) [cm]	CAPACITY [m³/h]	OUTER WIDTH (W1) [mm]	OUTER LENGTH (L1) [mm]	HEIGHT (H) [mm]	WEIGHT (KG)
40/60	40	1700	1650	650	1370
50/60	60	1050	2250	800	1560
50/80	80	1050	2450	800	1650
63/50	100	1250	2300	1000	1860
63/80	140	1250	2600	1000	3000
80/80	200	1400	2750	1200	3660
80/100	250	1400	2950	1200	4070
80/120	300	1400	3150	1200	4370



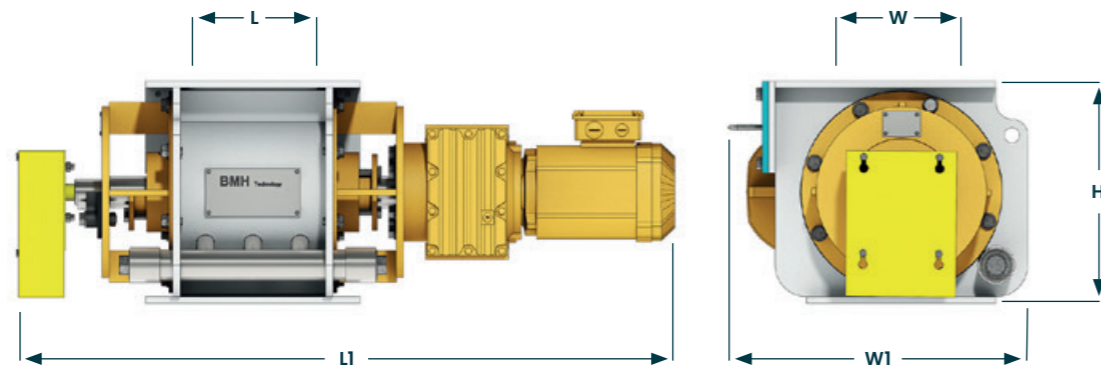
## LSC serie / Technical details

FEED OPENING (W / L) [cm]	CAPACITY [m³/h]	OUTER WIDTH (W1) [mm]	OUTER LENGTH (L1) [mm]	HEIGHT (H) [mm]	WEIGHT (KG)
40/40	30	800	2150	650	1100
40/50	35	900	2250	650	1140
40/60	45	900	2350	650	1180
50/60	60	1050	2400	800	1860
63/50	100	1650	1700	1000	2100
63/80	190	1650	2000	1000	2490



## LSAR serie / Technical details

FEED OPENING (W / L) [cm]	CAPACITY [m³/h]	OUTER WIDTH (W1) [mm]	OUTER LENGTH (L1) [mm]	HEIGHT (H) [mm]	WEIGHT (KG)
20/20	5	650	800	350	210
40/40	30	900	1300	650	500
40/60	50	900	1400	800	920



**WE PROVIDE  
CUSTOMIZED  
SOLUTIONS  
FOR HOT  
CONDITIONS  
AND ABRASIVE  
MATERIALS THAT  
CONTAIN A LOT  
OF IMPURITIES.**



**BMH TECHNOLOGY**

Cleantech company from Finland rooting back to 1929.

## We create solutions for waste to be reborn as raw materials and renewable energy.

**We offer material handling solutions** for our customers who work towards carbon neutrality and a greener future. With our plant solutions, equipment and life cycle services they can reuse material previously seen merely as waste. We help our customers turn municipal, industrial, commercial and wood-based waste into raw materials and renewable energy. This answers to the needs of industrial, chemical and energy production as well as construction and infrastructure.



COMPLETE SOLUTIONS



STRONG REFERENCES



EXECUTION CAPABILITY



LOCAL SERVICE

Renewable  
future  
together.

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