AIR CLASSIFIERS

ROLLER MILLS

IMPACT MILLS

Bauermeister [BM] Zerkleinerungstechnik GmbH

YOUR SPECIALIST IN INDUSTRIAL GRINDING AND CLASSIFYING SOLUTIONS

www.h-d-m.com
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Organisation short abstract

Market Operation – Probat



- Mother company of **HDM Group**

- World leading company in industrial coffee roaster and shop roaster units

- World leader in coffee grinding technology

Organisation short abstract

Market Operation – Probat



Sales 2022:	approx. 200 Mio. €
Employees 2022:	> 900

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HDM Group Organisation

How we operate in the market

HAMBURG DRESDNER MASCHINENFABRIKEN
PROBAT GROUP

Technolgies for Cocoa Processing and Industrial /Conventional Chocolate Making

In-line production

BAUERMEISTER ZERKLEINERUNGSTECHNIK
PROBAT GROUP

Size Reduction Technologies for dry products

MACINTYRE CHOCOLATE SYSTEMS
PROBAT GROUP

Integrated and Compact Chocolate Making Technolgies

Batch production

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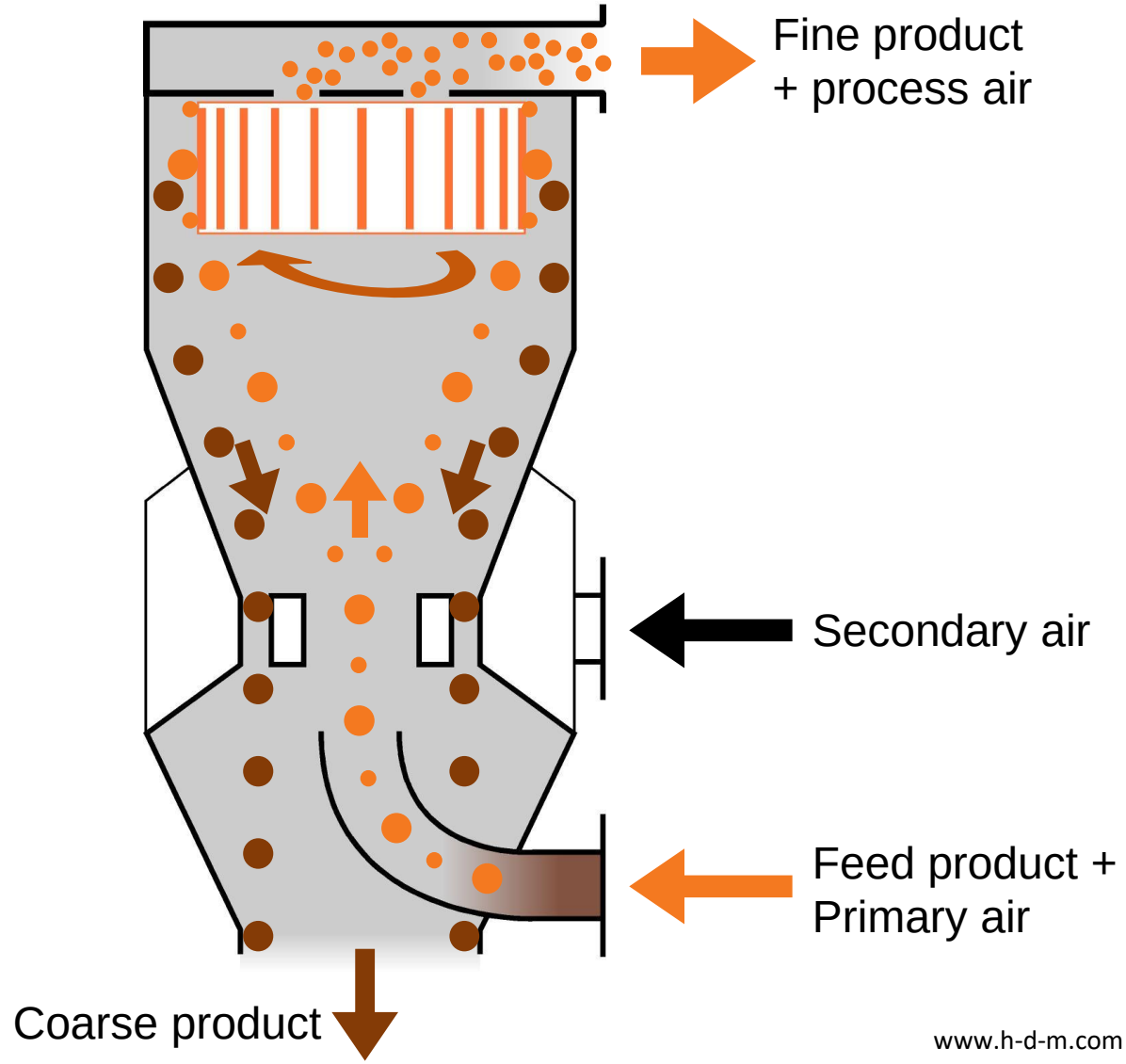
BM Air Classifier

Typ **CL (N) Ex**



BM Air Classifier

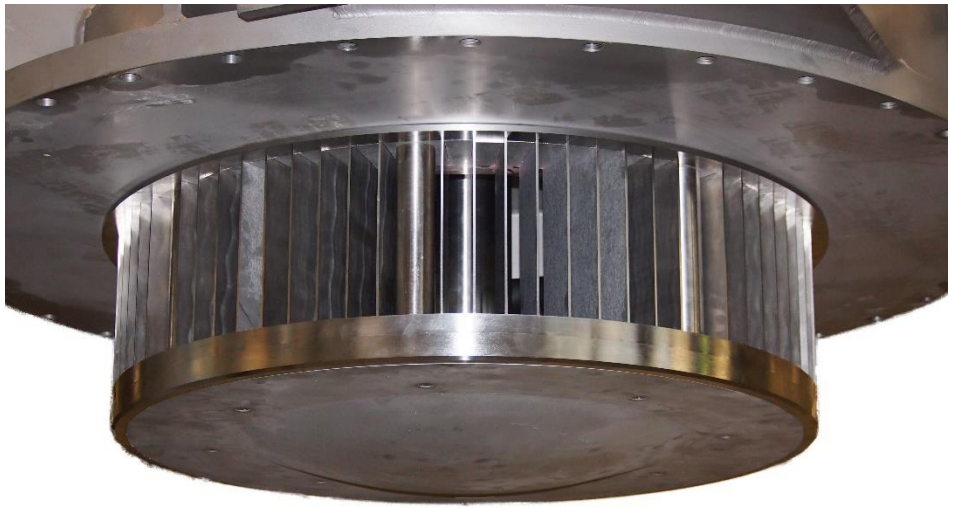
Working principle



BM Air Classifier

Adjustment possibilities

Parameter	Range
Circumferential speed	7 to 77 m/s
Classifier wheel	Fine Standard Coarse
Air ratio	1:1 to 2:1



BM Air Classifier

Sizes

Parameter	CL 0	CL 1	CL 2	CL 3	CL4	CL5	CL6
Classifier wheel diameter in mm	260	315	400	475	540	630	830
Drive power in kW	5	9	11 – 15	15 – 18	18 – 22	22 – 30	30 – 37
Process air in m³/min	20	30	50	70	90	140	240
Capacity factor	1,0	1,5	2,5	3,5	4,5	7,0	12,0
Fineness range in µm	4…100	5…120	6…140	6…140	7…150	8…160	8…160
Match to	UM 0.3	UM 1.3	UM 2.3 GM 40.1	UM 3.3	UM 4.3 GM 80.1	UM 5.3 GM 120.1	UM 6.3

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