

# EXTRACTOR SPECIFICATION SHEET, S.1050



MODEL	S.1050-050-30	S.1050-125-37	S.1050-250-55
<b>Sieve basket &amp; Screen</b>			
Basket diameter (mm.)	1050	1050	1050
Screen type	Wedge wire, 0.5 mm. wire	Wedge wire, 0.5 mm. wire	Etched plate
Screen material	316L	316L	316L
Slot (±5 micron)	50	125	250
Opening arae (%)	9.1	20.0	>33.0
Perforation thickness (mm.)	4	4	0.2
Perforation material	304	304	304
Balancing type	Dynamic	Dynamic	Dynamic
Basket speed (rpm)	850	1,000	1,000
<b>Housing</b>			
Housing thickness (mm.)	5	5	5
Housing material	304	304	304
Feed conection type	Rotary, DN100	Rotary, DN100	Rotary, DN100
Wash water conection type	Rotary, DN80	Rotary, DN80	Rotary, DN80
Fiber inspection hatch	in front	in front	in front
Back wash inspection hatch	Left side	Left side	Left side
<b>Capacity</b>			
Capacity (ton.starch/24 hrs)* Max	90	180	200
<b>Drive unit</b>			
Motor (kw)	30	37	37/45/55
Motor class	IC 411 IP55 CLASS F IEC	IC 411 IP55 CLASS F IEC	IC 411 IP55 CLASS F IEC
Speed	1,500	1,500	1,500
Motor brand (option)	Electrim (ABB)	Electrim (ABB)	Electrim (ABB)
Pulley type	SPB, taper bush	SPB, taper bush	SPB, taper bush
Pulley brand	SKF	SKF	SKF
Bearing type	Double roll, roller	Double roll, roller	Double roll, roller
Bearing brand	SKF	SKF	SKF
V-belt type	XPB	XPB	XPB
V-belt brand (option)	Gates (Opti-belt)	Gates (Opti-belt)	Gates (Opti-belt)
Drive shaft material	304	304	304
Drive unit frame material	304	304	304
Drive shaft sealing type	Labyrinth ring	Labyrinth ring	Labyrinth ring
<b>Water consumption</b>			
Front wash flow rate (lpm@10 bar)	90	90	90
Front wash pressure (bar)	10	10	10
Back wash flow rate (lpm@20 bar)	110	110	No
Back wash pressure (bar) Min	20	20	No
Wash water flow rate (lpm@2 bar)	245	490	490
Wash water pressure (bar) Max	2	2	2
<b>Dimension</b>			
Width (mm.)	1,470	1,470	1,470
Long (mm.)	2,540	2,540	2,540
Height (mm.)	2,061	2,061	2,061
Weight (kg) Appx.	1,490	1,500	1,500

\* Calculation base on 25% starch content, production efficiency min. 93%

\* Specifications of this product are subject to change without notice.

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