

RASPER SPECIFICATION SHEET



MODEL RS.1100-500 (V.2) RS.1100-600 (V.2) RS.1100-600 (V.3)

Rotor & Cutter

Rotor diameter (mm.)	1100	1100	1100
Rotor width (mm.)	500	600	600
Rotor material	Matensitic stainless steel	Matensitic stainless steel	Matensitic stainless steel
Clamping bar type	CPB.500-2/4.5-150	CPB.600-3/4.5-150	CPB.600-3/4.5-150
Clamping bar material	Matensitic stainless steel	Matensitic stainless steel	Matensitic stainless steel
Drive shaft diameter (mm.)	158	158	158
Perforation thickness (mm.)	2	2	Wedge wire screen
Perforation material	316	316	316
Balancing type	Dynamic	Dynamic	Dynamic
Rotor speed (rpm)	1,500	1,500	1,500
Cutter block material	Alloy steel	Alloy steel	Alloy steel

Housing

Housing thickness (mm.)	32	32	32
Housing material	304	304	304
Inlet size	430x570	530x570	530x570
Outlet size	530x1196	630x1196	630x1196
High pressure nozzle for cleaning	Yes	Yes	Yes
High pressure nozzle connection	1/2", BSP	1/2", BSP	1/2", BSP
Sealing system	Labyrinth ring	Labyrinth ring	Labyrinth ring

Capacity

Capacity (ton.starch/24 hrs) *	175	220	299
Capacity of root (ton.root/hr) Max.	29	37	49

Drive unit

Motor (kw)	250	315	355
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)	ABB	ABB	ABB
Driving system	Direct drive	Direct drive	Direct drive
Coupling type	F180	F180	F180
Coupling guard material	304	304	304
Drive unit frame material	304	304	304
Bearing type	Double roll, roller	Double roll, roller	Double roll, roller
Bearing brand	SKF	SKF	SKF
Bearing sealing	Labyrinth ring	Labyrinth ring	Labyrinth ring
Bearing lubrication	Grease	Grease	Grease

Dimension

Width (mm.)	1,376	1,376	1,258
Long (mm.)	3,024	3,124	3,032
Height (mm.)	1,408	1,408	1,365
Weight (kg) Appx.	5,400	5,800	5,800

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

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

KR-DS-R.0001 F