RENTAI · INDUSTRIAL EQUIPMENT
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Grain Dryer 5HXG-5

Grain Drying & Storage · Model: 5HXG-5

Low-temperature mixed-flow batch grain dryer with a 5,000 kg paddy batch and 5 t·%/h drying ability.

Technical parameters

分类	项目	参数值
整机	Model 型号	5HXG-5
	Weight 重量(kg)	1300
产能 Capacity	Paddy 水稻 — Volume 批量(kg)	5000
	Paddy 水稻 — Max Capacity 最大产能 (kg/h)	400
	Corn 玉米 — Volume 批量(kg)	5000
	Corn 玉米 — Max Capacity 最大产能 (kg/h)	500
	Wheat 小麦 — Volume 批量(kg)	5000
	Wheat 小麦 — Max Capacity 最大产能 (kg/h)	500
	Rapeseed 油菜籽 — Volume 批量(kg)	5000
	Rapeseed 油菜籽 — Max Capacity 最大产能(kg/h)	450
外形尺寸 Overall size	Height 高度(mm)	6545
	Length 长度(mm)	1070
	Width 宽度(mm)	2067
燃料 Fuel	Fuel 燃料	生物质（废木、废枝条、稻壳、秸秆）、煤、油、气等 Biomass(Waste Wood, Waste Branch, Paddy Husk, Straw), Coal, Oil, Gas and so on
动力 Power	Voltage 电压(v)	按客户电压配套电机 According Customer Voltage Matched Motor
	Bucket Elevator Motor 斗提电机(kw)	1.1
	Feed Wheel Motor 喂料轮电机(kw)	0.14
	Rotary Wheel Motor 旋转轮电机(kw)	/
	Draft Fan Motor 引风机电机(kw)	2.2
	Dust Fan Motor 除尘风机电机(kw)	0.25

分类	项目	参数值
	Total 总功率(kw)	3.69
性能 Performance	Loading Time 装料时间	About 33 minutes（约 33 分钟）
	Discharging time 出料时间	About 28 minutes（约 28 分钟）
	Drying Ability 烘干能力(t·%/h)	5
	商品粮烘干速率 Commodity Grain Drying Rate(%) — Paddy/Wheat 水稻/小麦	More than 0.5-1.5（0.5~1.5 以上）
	商品粮烘干速率 Commodity Grain Drying Rate(%) — Corn 玉米	More than 1.0-2.0（1.0~2.0 以上）
	种子烘干速率 Grain Seed Drying Rate(%) — Rapeseed 油菜籽	More than 0.2-0.7（0.2~0.7 以上）

Source	Henan RenTai grain dryer catalogue
Specification	See full parameter table below

Applicable materials

Paddy / Rice

Applications

Batch drying of paddy, corn, wheat and rapeseed.

Working principle

Grain is lifted into the drying section; clean hot air passes through the grain layer and a rotary discharge system advances each batch.

Wear parts & materials

Not stated in source catalogue

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