

TKM45 SOLID BURNER TECHNICAL SPECIFICATION

Transport Length, mm	-
Working length, mm	12000
Width, mm	4000
Transport Height, mm	-
Working Height, mm	9400
Capacity, m ³	45
Weight of corn (density 0.75)	31,5
Weight of rice, ton	27
Weight of sunflower, ton	12,6
Productivity of wheat, density 0.78, moisture 19%-14%, air temperature 15C, hot air 80C, ton per day	203
Productivity of corn, density 0.75, moisture 28%-14%, air temperature 15C, hot air 120C, ton per day	158
Productivity of corn, density 0.75, moisture 21%-14%, air temperature 15C, hot air 120C, ton per day	217
Productivity of sorghum, density 0.81, moisture 18%-13%, hot air 60C, ton per day	150
Productivity of rape, density 0.74, moisture 16%-9%, hot air 80C, ton per day	117
Productivity of sunflower, density 0.65, moisture 12%-8%, hot air 65C, ton per day	110
Productivity of soya, density 0.69, moisture 24%-13%, hot air 75C, ton per day	110
Productivity of rise, density 0.60, moisture 28%-14%, hot air 55C, ton per day	87
Productivity of rise, density 0.60, moisture 20%-14%, hot air 55C, ton per day	127
Thickness of the grain layer, cm	57,5
Motor power, kW:	
- cylinder	18,5
- main blowing fan	11
- loading worm	4x2
- aspiration system	3
- fan of combustion chamber	1,8
- total power	42,3

Amount of air supplied to dryer, cubic meters per hour	50000
Driving power required per PTO, kW	75
Model of burner	OZSU
Thermal power, kW (burner, chamber for solid fuel)	1510
Fuel consumption (diesel, gas, pellets)	<i>200 kg/hour</i>
Average Fuel Consumption (UTILITY RAW/DON'T FILL)	75
Rotation speed, rpm:	
- cylinder	970
- main blowing fan	1470
- loading worm	1440
- aspiration system	2890
- fan of combustion chamber	2840
Weight, kg	9200
Diameter, mm:	
- cylinder	4000
- central worm	400 mm
- loading worm	200 mm
Productivity of loading worm, ton/hour	65
Productivity of central worm, ton/hour	80
Time required to load dryer with grain, min	45
Time required to discharge grain from dryer, min	35
Container size, LxWxH, mm	13000 x 2400 x 2900