

TKM18 SOLID BURNER TECHNICAL SPECIFICATION

Transport Length, mm	7400
Working length, mm	9400
Width, mm	2400
Transport Height, mm	3700
Working Height, mm	5600
Capacity, m ³	18
Weight of corn (density 0.75)	12,6
Weight of rice, ton	11
Weight of sunflower, ton	5
Productivity of wheat, density 0.78, moisture 19%-14%, air temperature 15C, hot air 80C, ton per day	99
Productivity of corn, density 0.75, moisture 28%-14%, air temperature 15C, hot air 120C, ton per day	55
Productivity of corn, density 0.75, moisture 21%-14%, air temperature 15C, hot air 120C, ton per day	88
Productivity of sorghum, density 0.81, moisture 18%-13%, hot air 60C, ton per day	55
Productivity of rape, density 0.74, moisture 16%-9%, hot air 80C, ton per day	41
Productivity of sunflower, density 0.65, moisture 12%-8%, hot air 65C, ton per day	40
Productivity of soya, density 0.69, moisture 24%-13%, hot air 75C, ton per day	41
Productivity of rise, density 0.60, moisture 28%-14%, hot air 55C, ton per day	33
Productivity of rise, density 0.60, moisture 20%-14%, hot air 55C, ton per day	48
Thickness of the grain layer, cm	52,5
Motor power, kW:	
- cylinder	15
- main blowing fan	11
- loading worm	4x2
- aspiration system	3
- fan of combustion chamber	1,4
- total power	38,4

Amount of air supplied to dryer, cubic meters per hour	33000
Driving power required per PTO, kW	37-50
Model of burner	OZSU
Thermal power, kW (burner, chamber for solid fuel)	580
Fuel consumption (diesel, gas, pellets)	100 kg/hour
Average Fuel Consumption (UTILITY RAW/DON'T FILL)	65
Rotation speed, rpm:	
- cylinder	970
- main blowing fan	1450
- loading worm	1440
- aspiration system	2890
- fan of combustion chamber	2840
Weight, kg	7000
Diameter, mm:	
- cylinder	2400
- central worm	350 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	22
Time required to discharge grain from dryer, min	15
Container size, LxWxH, mm	9000 x 2400 x 2600