

## **STAALMEESTER HAMMERMILL CAPACITIES**

### **SPECIFICATIONS AND CAPACITIES:**

<b>MODELS</b>		<b>2121</b>	<b>6116/18</b>	<b>6116/18 - RS</b>	<b>SM24/5775</b>	<b>6776</b>
MOTORSPEED		2 900 R.P.M	2 900 R.P.M.	2 900 R.P.M	1 470 R.P.M	1 470 R.P.M
ROTORSPEED	UP TO	4 400 R.P.M	3 200 R.P.M	2 200 R.P.M	1 640 R.P.M	1 640 R.P.M
KW REQUIRED		5.5 KW	11 KW	15 KW	22- 37 KW	37 KW
ROTOR		TRIPLE ROTOR			DOUBLE FLANGE	DOUBLE FLANGE
FLC		16.5A	22.6A	23.5A	752A	74A
<b>MAIZE</b>						
0.8 MM SCREEN	UP TO	305 KG/H	450 KG/H	610 KG/H	900 KG/H	1 100KG/H
1.6 MM SCREEN	UP TO	620 KG/H	850 KG/H	950 KG/H	1 830 KG/H	2 200KG/H
4 MM SCREEN	UP TO	1510 KG/H	3 300KG/H	3960 KG/H	6 400 KG/H	7 400KG/H
8 MM SCREEN	UP TO	2 800 KG/H	4 900 KG/H	5 880 KG/H	13 000 KG/H	16 700 KG/H
<b>DOLLIEKOS</b>						
19 MM SCREEN		390 KG/H	468 KG/H	1 350 KG/H	2 950 KG/H	4 050 KG/H
<b>PAPRIKA</b>						
1 MM SCREEN	UP TO	170 KG/H	270 KG/H	324 KG/H	588 KG/H	1 300 KG/H
<b>CHILLI</b>						
1.6 MM SCREEN	UP TO	200 KG/H	310 KG/H	410 KG/H	1000 KG/H	1 800 KG/H
3 MM SCREEN	UP TO	250 KG/H	390 KG/H	468 KG/H	1500 KG/H	2 450 KG/H
<b>CASTOR SUGAR</b>						
0.8 MM SCREEN	UP TO	240 KG/H	340 KG/H	410 KG/H	1700 KG/H	2 100 KG/H
1.2 MM SCREEN	UP TO	285 KG/H	510 KG/H	612 KG/H	2000 KG/H	2 700 KG/H
<b>SOJA</b>						
2 MM SCREEN	UP TO	210 KG/H	495 KG/H	594 KG/H	1712 KG/H	2 700 KG/H
<b>WHEAT STRAW</b>						
19 MM SCREEN		240 KG/H	380 KG/H	684 KG/H	1750 KG/H	2 385 KG/H
<b>WHEAT</b>						
2 MM SCREEN	UP TO	570 KG/H	965 KG/H	1 447 KG/H	2000 KG/H	2 710 KG/H
<b>SORGHUM</b>						
2 MM SCREEN	UP TO	570 KG/H	955 KG/H	1 447 KG/H	1963 KG/H	2 710 KG/H
<b>MAIZE ON COB</b>						
16 MM SCREEN	UP TO	200 KG/H	410 KG/H	533 KG/H	3800KG/H	4 400 KG/H
<b>ERAGROSTIS</b>						
19 MM SCREEN		160 KG/H	250 KG/H	360 KG/H	2100 KG/H	2 592 KG/H
<b>GRASS</b>						
12 MM SCREEN	UP TO	180 KG/H	310 KG/H	465 KG/H	4105 KG/H	4 780 KG/H
19 MM SCREEN	UP TO	400KG/H	640 KG/H	768 KG/H	4800 KG/H	5 900 KG/H
<b>LUCERNE</b>						
6 MM SCREEN	UP TO	230 KG/H	410 KG/H	615 KG/H	4760 KG/H	5 150 KG/H
12 MM SCREEN	UP TO	670 KG/H	870 KG/H	1305 KG/H	5600 KG/H	6 480 KG/H
25 MM SCREEN	UP TO	1 100 KG/H	1 640 KG/H	2 460 KG/H	6855 KG/H	7 300 KG/H
<b>ROTOR DIAMETER</b>						
ROTOR DIAMETER		330 MM	525 MM	525 MM	950 MM	1 050MM
ROTOR BLADES		4 - HARDENED	8 - HARDENED	8 - HARDENED	16 - HARDENED	16 - HARDENED
BLOWERS		DUST FREE	DUST FREE	2	2	2 OR 4
SPEED OF HAMMERMILL TIPS		70 M/S	70 M/S	70 M/S	79 M/S	84 M/S
EFFECTIVE SCREEN AREA		1 440 mm <sup>2</sup>	3 760 mm <sup>2</sup>	3 760 mm <sup>2</sup>	5 900 mm <sup>2</sup>	6 900 mm <sup>2</sup>
BAG OUTLETS		2	2	2	2	2 OR 4
MILLING SCREENS		360°	360°	360°	360°	360°
WEIGHT TOTAL - without electric motor		154 Kg	267 Kg	355Kg	730 Kg	834 Kg
WEIGHT TOTAL - with electric motor		223 Kg	380 Kg	468 Kg	982 Kg	1 174 Kg
INTAKE AUGER		NO	Optional extra	NO	YES	YES

12-Oct-15

**SPECIFICATIONS, CAPACITIES AND DATA SUBJECT TO REVISION.**

**WE RESERVE THE RIGHT TO AMEND CONSTRUCTION AND SPECIFICATIONS WITHOUT PRIOR NOTICE**

**THE ABOVE ARE MAXIMUM TEST RESULTS WITH NO ELECTRICITY AND OR POWER FLUCTUATIONS.**

**HUMIDITY BELOW 5% AND MATERIAL MOISTURE CONTENT BELOW 11% WITH UNBLOCKED SCREENS.**

**A 30% DECREASE CAN BE EXPECTED WHEN NOT OPERATING IN FAVOURABLE CONDITIONS.**