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# 1700 MULTIGRAIN

## DESCRIPTION:

THIS MODEL OF ROLLER MILL PRODUCES FLOUR FROM WHOLE WHEAT (FOR WHOLE WHEAT FLOUR & ATTA FLOUR), WHOLE RYE OR TEFF, AS WELL AS FLOUR FROM DE-HULLED (GROATS) BUCKWHEAT, CORN, MILLET OR RICE. PROCESSING UP TO 1700 LB. / 800 KG OF GRAIN PER HOUR. IT IS POSSIBLE TO PRODUCE FLOUR FROM MANY OTHER GRAINS OR GROATS HAVING: HUMIDITY UP TO 13.5%, FAT UP TO 3%, SUGAR UP TO 2%.

THIS MODEL IS DESIGNED FOR COMMERCIAL TWENTY-FOUR-HOUR USE.

DURING OPERATION, THERE IS PRACTICALLY NO NEED FOR ADDITIONAL MACHINERY OR TOOLS, MOST PARTS CAN BE PURCHASED LOCALLY. GRINDING ROLLERS ARE HIGHLY WEAR-RESISTANT AND CAN WITHSTAND UP TO EIGHT ADDITIONAL RE-CORRUGATIONS.

SIMPLE SERVICING PROCEDURE REQUIRES TWO OPERATORS, USING THE OPERATIONS MANUAL AVAILABLE EITHER IN PRINT OR DIGITAL VERSION. PRODUCT CHANGE-OVER TIME TAKES ONLY 2-3 HOURS.

SPECIALIZED BUILDINGS ARE NOT NECESSARY. EXISTING WAREHOUSE STYLE BUILDINGS WITH THE MILL INSTALLED ON A SINGLE FLOOR AND MINIMAL HEIGHT CLEARANCE IS A STANDARD FOR THIS MILL. THE MILL COMBINES MINIMAL ELECTRICAL CONSUMPTION AND EASY PORTABILITY WITH AN ELEGANT DESIGN.

FULL PRODUCTIVITY IS GUARANTEED, THE MILL PRODUCES HIGH-QUALITY FLOUR AT THE INDICATED RATES IMMEDIATELY UPON START-UP.

## MAIN CHARACTERISTICS:

UP TO 1763 LB. / 800 KG PER HOUR, CAPACITY OF INPUT PRODUCT  
85-95 %, EXTRACTION OF BUCKWHEAT FLOUR  
85-95 %, EXTRACTION OF CORN FLOUR  
85-95 %, EXTRACTION OF MILLET FLOUR  
88-98 %, EXTRACTION OF RICE FLOUR  
85-88 %, EXTRACTION OF RYE FLOUR  
85-95 %, EXTRACTION OF TEFF FLOUR  
0-13 %, EXTRACTION OF BRAN  
2 %, BY-PRODUCT  
VIA MECHANICAL AND PNEUMATIC METHODS, AUTOMATIC CONVEYING  
3000 CUBIC METERS PER HOUR, HIGH-PRESSURE FAN CAPACITY  
80 (WITH THE USE OF HEARING PROTECTION) DBA, NOISE LEVEL RATING  
100 DB, VIBRATION ACCELERATION

## SPECIFICATIONS:

21,6 FT / 6,6 M, LENGTH OVERALL  
5,9 FT / 1,8 M, WIDTH OVERALL  
11,5 FT / 3,5 M, HEIGHT OVERALL  
9038 LB. / 4100 KG, WEIGHT  
8,2 X 8,9 FT / 2,5 X 2,7 M, MIN DOCK DOOR OPENING (W X H)  
3 PHASE 4 WIRE, WYE TYPE, ELECTRICAL SUPPLY  
208/240/480/600 OR 380/400 V, VOLTAGE  
208-245 V, SINGLE PHASE INPUT VOLTAGE (OPTION)  
60 / 50 HZ, FREQUENCY  
26 KW PER HOUR, POWER CONSUMPTION

## CLEANING SECTION:

1 RECEIVING HOPPER  
1 DESTONER  
2 PNEUMATIC SEPARATORS  
1 AIRLOCK  
2 GEAR REDUCERS  
2 MAGNETIC SEPARATORS  
1 SIEVE CLEANER  
1 INDENTED CYLINDER (FOR SEPARATES SHORT IMPURITIES)  
3 WASTE CONTAINERS  
1 SCOURER

## MILLING SECTION:

47 MAGNETIC SEPARATORS  
16 AIRLOCKS  
2 GEAR REDUCERS  
6 ROLLER SETS  
2 CYLINDRICAL REDUCERS  
5 TRANSPARENT SELF-SINKS  
4 PNEUMATIC CENTRIFUGAL SIFTERS (TWO-SYSTEM)  
1 CENTRIFUGAL SIFTER  
12 COMPLETE SIEVES (WITH SPARE PARTS)  
6 FLOW SWITCHES ON PRODUCT PIPELINES  
1 BAGGING POTHOLE

4 BAGGING PIPES  
1 BAGGING SCREW CONVEYOR  
1 DRIVE GUARD

## TRANSPORTATION OF PRODUCTS:

1 HIGH-PRESSURE FAN  
1 BLOCK OF CLEANING CYCLONES  
1 BLOCK OF FILTER BAGS  
1 ASPIRATION AND PRODUCT PIPELINES  
3 CYCLONE SEPARATORS 260  
4 CYCLONE SEPARATORS 400  
1 SPOUTS

## ELECTRICAL EQUIPMENT:

1 ELECTRIC PANEL  
1 AIRLOCKS SPEED CONTROL DEVICE  
1 ELECTRICAL WIRING CONDUIT  
1 STOP BUTTON  
1 ALARM SIGNAL  
12 ELECTRIC MOTORS DRIVES

## ANTICORROSION COATING:

GALVANIC  
POLYMER

## MANUAL:

PRINT VERSION  
DIGITAL VERSION  
VIDEO VERSION