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1100 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 1100 LB. / 500 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 1102 LB. / 500 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:

19,7 FT / 6 M, LENGTH OVERALL
5,9 FT / 1,8 M, WIDTH OVERALL
11,5 FT / 3,5 M, HEIGHT OVERALL
5511 LB. / 2500 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
21 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:

21 MAGNETIC SEPARATORS
11 AIRLOCKS
2 GEAR REDUCERS
4 ROLLER SETS
2 CYLINDRICAL REDUCERS
3 TRANSPARENT SELF-SINKS
3 PNEUMATIC CENTRIFUGAL SIFTERS (TWO-SYSTEM)
1 CENTRIFUGAL SIFTER
12 COMPLETE SIEVES (WITH SPARE PARTS)
3 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
1 CYCLONE SEPARATOR 260
3 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
11 ELECTRIC MOTORS DRIVES

ANTICORROSION COATING:

GALVANIC
POLYMER

MANUAL:

PRINT VERSION
DIGITAL VERSION
VIDEO VERSION