



## 440 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 440 LB. / 200 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 UP TO SEVEN HOURS OF PRODUCTION PER DAY, AND AN HOUR FOR COOL DOWN & CLEANING. THIS MILL, HAVING CAPABILITIES OF SEVERAL QUALITIES OF FLOURS, IS BEST SUITED FOR BAKERIES AND GRAIN PRODUCERS.

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 ONE OPERATOR, USING THE OPERATIONS MANUAL AVAILABLE EITHER IN PRINT OR DIGITAL VERSION. PRODUCT CHANGE-OVER TIME TAKES ONLY 15 MINUTES.

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 440 LB. / 200 KG PER HOUR, CAPACITY OF INPUT PRODUCT  
80-90 %, EXTRACTION OF BUCKWHEAT FLOUR  
80-90 %, EXTRACTION OF CORN FLOUR  
80-90 %, EXTRACTION OF MILLET FLOUR  
85-95 %, EXTRACTION OF RICE FLOUR  
85 %, EXTRACTION OF RYE FLOUR  
80-90 %, EXTRACTION OF TEFF FLOUR  
0-13 %, EXTRACTION OF BRAN  
2 %, BY-PRODUCT  
VIA MECHANICAL METHODS, AUTOMATIC CONVEYING  
80 DBA, NOISE LEVEL RATING  
100 DB, VIBRATION ACCELERATION

## SPECIFICATIONS:

4,3 FT / 1,3 M, LENGTH OVERALL  
7,9 FT / 2,4 M, WIDTH OVERALL  
8,2 FT / 2,5 M, HEIGHT OVERALL  
2755 LB. / 1250 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  
9 KW PER HOUR, POWER CONSUMPTION

## CLEANING SECTION:

1 RECEIVING HOPPER  
1 GRAIN DISK FEEDER  
2 GEAR REDUCERS  
1 SIEVE CLEANER  
1 INDENTED CYLINDER (FOR SEPARATES SHORT IMPURITIES)  
2 WASTE CONTAINERS

## MILLING SECTION:

14 MAGNETIC SEPARATORS  
1 GEAR REDUCER  
3 ROLLER SETS  
1 CYLINDRICAL REDUCER  
4 TRANSPARENT SELF-SINKS  
2 CENTRIFUGAL SIFTERS (TWO-SYSTEM)  
6 COMPLETE SIEVES (WITH SPARE PARTS)  
1 BAGGING PIPE  
1 BAGGING SCREW CONVEYOR  
1 DRIVE GUARD

## TRANSPORTATION OF PRODUCTS:

4 SCREW CONVEYORS

1 SPOUTS

## ELECTRICAL EQUIPMENT:

1 ELECTRIC PANEL

1 ELECTRICAL WIRING CONDUIT

1 STOP BUTTON

1 ALARM SIGNAL

9 ELECTRIC MOTORS DRIVES

## ANTICORROSION COATING:

GALVANIC

POLYMER

## MANUAL:

PRINT VERSION

DIGITAL VERSION

VIDEO VERSION