



BROWN INTERNATIONAL CORPORATION, LLC

MODEL 3900

EXTRACTOR FINISHER SEPARATOR



PRINCIPAL ADVANTAGES:

HIGH CAPACITY: The unique design of the screw and its close fit to the screen achieves a maximum activity at the screen level, resulting in greater capacity than conventional increasing root diameter screw finishers.

QUALITY CONTROL: In a screw press, pressure control is quality control. The constant depth flights of the Model 3900 screw means the pressure is developed only in conjunction with the air loaded valve. The operator easily controls this valve while the machine is in operation.

SMOOTHER OPERATION: The Model 3900 operates smoothly and efficiently with a minimum of attention. Plugging is eliminated because of the positive conveying action of the screw.

EASIER CLEANING: Designed for fast, thorough cleaning. Screen cages are hinged and open without tools. Lifting heavy cages from the machine is eliminated. With cages in the open position, the interior is readily accessible for cleaning. Screens can be cleaned in place, avoiding damage during removal. All stainless steel welded construction eliminates stagnant pockets and open joints. Strong cleaning solutions may be used.

MINIMUM MAINTENANCE: The Model 3900 has been designed to operate continuously with a minimum of down time.

Should a screen become damaged, unskilled helpers can quickly replace it. All screens are pre-fitted for 100% interchangeability. The V-belt drive reduces maintenance by providing a safety factor, which protects the machine from damage.

SPECIFICATIONS: With standard under machine drive.

| | | | |
|---------------------------------|-------------|------------------------------------|------------------|
| Overall length | 67" | Height of liquid outlet | |
| Overall width | 21" | with bevel seat adapter | 13-5/8" |
| Overall height | 39" | with tri-clamp adapter | 13" |
| Height of inlet | 34-3/4" | Horse power available std. drive | 5-15 |
| Size of inlet flange | 4" X 8" | Sub-frame mounted drive | 5-15 |
| Height of pomace discharge | | Recommended RPM | 270-500 |
| Bottom | 23" | Weight with 10hp std. drive crated | approx. 1040 lb. |
| Height to center of drive shaft | 30" | Weight with out drive | 680 lb. |
| Capacity - input | up to 50gpm | Volume crated for export | 51 cu. ft. |

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