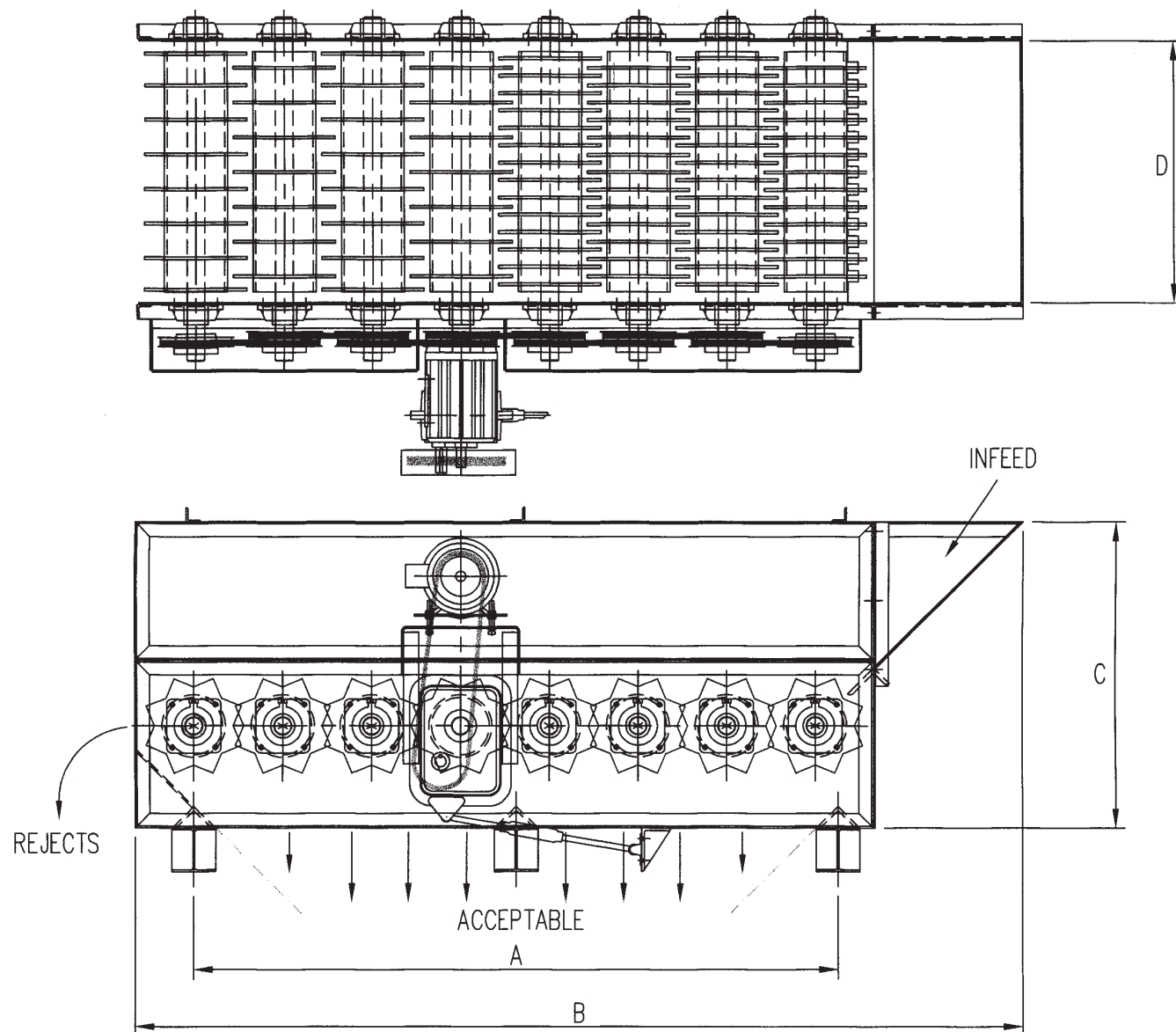


# SPECIFICATIONS



## DIMENSIONS (inches)

MODEL	STD NO. OF ROLLS	A	B	C	D	H.P.
34	5	4'0"	5'8"	3'6"	2'10"	5
48	9	8'0"	10'8"	3'6"	4'0"	7.5
54	9	8'0"	10'8"	3'6"	4'6"	7.5
74	11	10'0"	12'8"	3'6"	6'2"	2@5

\*Additional sizes are available in various lengths and widths

\*\*Unit = 200 cu. ft. loose chips

### NOTE:

1. The major portion of acceptable material will fall through the first 5 rolls.
2. Infeed and outfeed chutes, hoppers and screen supports are furnished separately.
3. If more or less rolls than standard are used, add or deduct 12" per roll to adjust 'A' and 'B' dimensions.

We reserve the right to modify our design without notice.

# DISC SCREEN



**progress industries inc.**

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# DISC SCREEN



## DISC SCREEN

The Progress Disc Screen is designed primarily for removing oversize rejectable material from unscreened chips or bark.

The principle of the "PDS" unit is a series of star-shaped discs all rotating in the same direction. The spacing between the discs is closely controlled, which allows the acceptable material to pass through and the oversize material to carry over the end.

A significant design feature of the "PDS" unit is the star-shaped disc assembly. It is easily removed and simple to replace. By using a different length spacing, the disc centers are changed to regulate the size of acceptable material.

Timing belts are used to drive the disc assemblies without lubrication being required resulting in less maintenance and giving it a smooth quiet operation.

## ADVANTAGES

*Disc screens have the following materials handling advantages:*

- The intermeshing discs are self-cleaning. Thus, they tend to be non-binding and can screen most fibrous materials, such as shredded bark and refuse.
- Agitation on the deck of the screen provides high capacity per unit of screening area.
- Screening is consistent because the oversized material is quickly and positively removed.
- Shaft speed is normally 55 to 65 rpm. The screens run quietly and with no vibration.
- Continuous rolling and turning of material on the screen deck gages each particle, providing accurate screening.



## OPTIONAL ANTI-JAM SYSTEM

When a jam is sensed, the "PDS" will stop, and rotation of the discs is reversed for a predetermined time, clearing the jam. The controller then restarts the discs' rotation in the original direction. And it's all automatic!