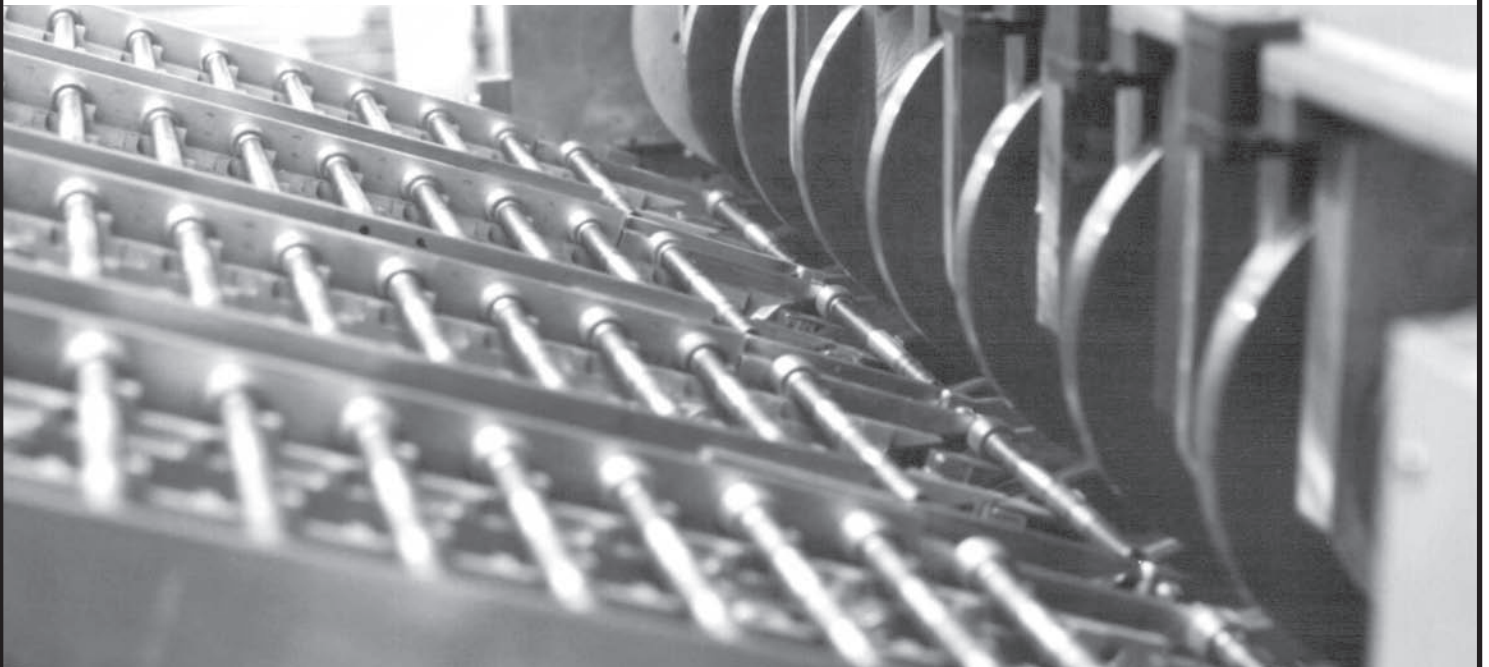


# STRAIGHTEN UP TO 4800 PARTS PER HOUR...



## WITH ONE MACHINE!

### Introducing The Benex CSM48 Parts Straightening Machine

The **Benex CSM48 Parts Straightening Machine** is the fastest and most cost-effective Straightening Solution for high volume production.

There are many reasons why loss of straightness can occur. Since it's nearly impossible to economically control this problem *during* manufacturing, corrective straightening is typically performed *at the end* of manufacturing.

The traditional corrective straightening process usually consists of inspecting, sorting, straightening and then reinspecting the entire production lot. This method is not only slow,

but inefficient and expensive as well.

Benex has redefined production shaft straightening. *Instead of straightening only selected parts, the traditional way, the entire lot can be processed in less time, the Benex way.* The Benex solution is to bypass the traditional labor-intensive sort-and-repair method, and to quickly and efficiently straighten the entire lot with the high speed **Benex CSM48 Shaft Straightening Machine**.

*Benex Corp. can help you significantly reduce your production costs and sharpen your competitive edge.*


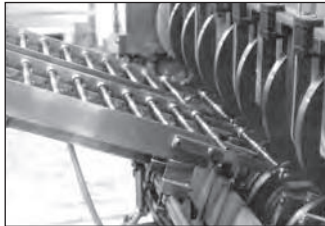


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**CORP.**

*Millions Straightened The Benex Way.*

**WWW.BENEXCORP.COM**

# The Benex CSM48 Parts Straightening Machine

A true production straightener, designed for continuous, automatic operation

High Speed Straightening Rates		
Parts Straightened Per Hour	Optional Equipment	Example
1200	Standard Single Feeding Track	
2400	Optional Double Feeding Tracks	
3600	Optional Triple Feeding Tracks	
4800	Optional Quad Feeding Tracks	

## Basic Machine consists of

- Single parts feeding track for 1200 pcs per hour output
- Automatic parts feeding system to move parts through the machine
- 2 Sets of vertically opposed rollers, adjustable for specific part diameters and part lengths
- Direct reading indicators at either end of mechanism to set the process parameters between upper and lower rollers
- Exit ramp design allows users to attach their own in-line devices

## Machine features

- High output of 1200 pcs per hour with single parts feeding track, up to 4800 per hour with 4 tracks
- Easy set-up and quick changeover from part to part
- Machine simplicity assures ease of operations, reliability and high up-time
- Suitable for ferrous and non-ferrous materials
- Quiet operation
- Pneumatic actuation of most mechanisms minimizes electrical systems
- No hydraulics
- Specifically designed to make relocating as simple as moving a pallet
- Technical support

## Machine Capacity

- Minimum Part Length: 2-3/4"
- Maximum Part Length: 48"
- Parts diameters: 1/8" to 5/8", up to 1" if parts are shorter

## Machine Specifications

- Width: 77"
- Depth: 58" (includes feeder & exit ramps)
- Height: 69"
- Weight: Under 3,000 lbs
- Electrical requirement: 230/460V 3PH 7.5H
- Air requirement: 6 SCFM @ 75 PSI (clean)

## Optional Equipment

- Multiple parts feeding tracks to multiply part throughput per cycle OR Multiple parts feeding tracks to retain different setups for instant change overs
- Attachments which simultaneously straighten journals of differing diameters
- Attachments which simultaneously knurl during the straightening cycle

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