



## HIGH PRODUCTION END-MATCHER



UP TO 80 FEET PER MINUTE  
UP TO 110 PIECES PER MINUTE

### Many advanced features make SPFM the "best value" End-Matcher on the market

- suitable for production of 20 to 30,000 board feet of random length Strip or Plank Flooring per shift
- high precision ductile iron chains, hardened steel sprockets, massive traverse bars
- 3 inch side-shift rollers, 20 HP variable feed speed hydraulic power unit
- 5 HP spindle motors, 14 and 12 inch tooling
- fully enclosed machining centers, all adjustments made easy by dial indicators
- dynamic (emergency) braking on all spindle motors
- electronically controlled chain lubrication system

### You can choose from a full range of available options

- feed conveyor extension for cut-off saws or feed stations
- custom scoring and micro-bevel attachments
- "soft touch" hold-downs for pre-finished flooring
- "open end-matching" stations
- upstream and downstream material handling systems
- 25 HP variable drive electric motor

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**VALUE-ADDED SOLUTIONS**

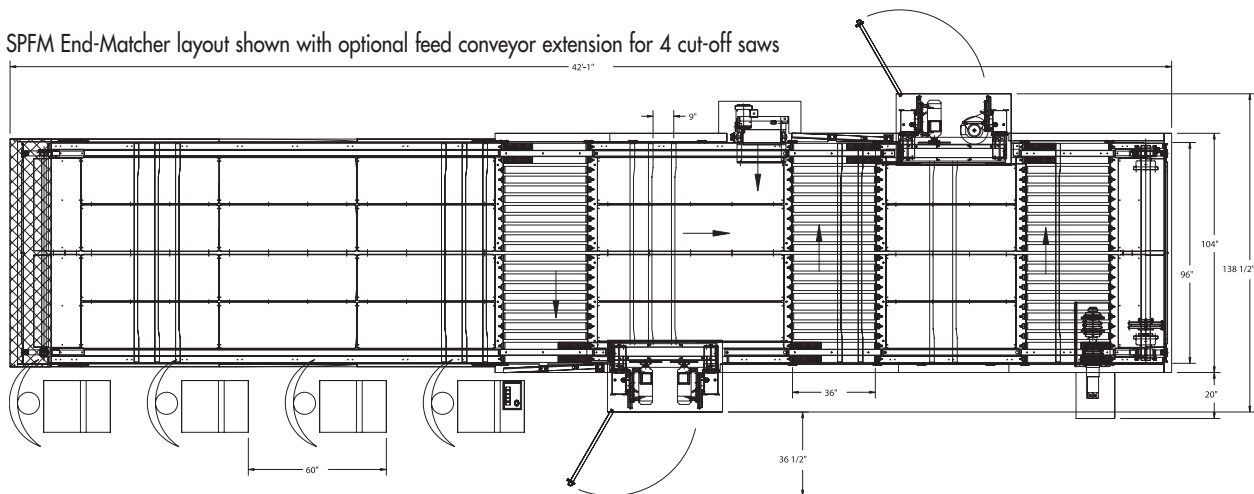
FOR A COMPLEX WOOD INDUSTRY

## HIGH PRODUCTION END-MATCHER

### SPFM END-MATCHER STANDARD FEATURES

- 27 foot long by 96 inch wide feed conveyor
- 3" pitch ductile iron chains, linked by 3/4" press fit dowel pins, driven by 15" hardened steel sprockets
- massive 2" by 3/4" traverse bars suitable for machining 0.375" to 0.75" thick flooring
- 9 inch center to center standard traverse bar spacing
- feed speed up to 80 feet per minute
- powered by a variable flow 20 HP hydraulic power unit
- injection type chain lubrication system
- 3 - 36 inch wide side-shift conveyors
- 3 inch diameter side-shift rollers dual driven by 1 HP motors
- tongue and groove machining centers laid out on opposite sides of the feed conveyor
- machining centers are totally enclosed and equipped with interlocked doors
- two 6 inch dust collector connectors on lower side of each machining center (1000 CFM each)
- tongue machining center with 3 - 5HP spindle motors, (trimmer, top and bottom tongue groovers)
- groove machining center with 2 - 5HP spindle motors, (trimmer and horizontal groover)
- 12 or 14 inch trim saws and 12 inch groover saws
- all spindle motors feature position indicator dials
- dynamic (emergency) braking on all spindle motors

SPFM End-Matcher layout shown with optional feed conveyor extension for 4 cut-off saws



### SPFM END-MATCHER MATERIAL SPECIFICATIONS

- 10 to 96 inch board length capacity (120 inches with even-ender option)
- 3/8 to 3/4 inch thickness capability
- minimum width 1 3/4", maximum width 3 1/4", 5 1/4" or 8 1/4" (relative to traverse 6, 9 or 12 inch bar spacing)

### SPFM END-MATCHER OPTIONAL FEATURES

- traverse bar spacing 6 or 12 inches on center
- feed conveyor extension to accommodate cut-off saws and/or feed stations
- even-ender roller to accommodate up to 10 foot long material
- "open" defecting stations (trim saws on outside of machining centers)
- additional "open" defecting station on feed conveyor extension
- soft touch hold-downs for pre-finished material
- tooling system for regular or bevelled top end-matching
- custom scoring and micro-bevel attachments
- front exit system, grading and nesting stations
- powered by a 25 HP electric motor with variable speed

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