

Comparing Bandsaw Dismantlers, Automated Trim Saws For Recycling

For pallet recyclers, the first machines a company invests in may be a dismantler and a trim saw.

Dismantling machines and trim saws can help a company to reclaim and recycle lumber from used pallets. The reclaimed deck boards and stringers, in turn, can be used to repair pallets or assemble remanufactured pallets.

For a pallet recycler who has a good supply of pallet cores, these machines can make a significant impact on operations as the company is enabled to recover and use recycled lumber instead of buying new lumber or new pallet stock.

There are two broad types of dismantling machines: disc or shear type and bandsaw dismantlers. Bandsaw machines probably are the leading type of dismantler used in the pallet industry because they eliminate nail stubble and preserve more lumber.

There are a number of different types of trim saws that can be used for cutting recycled deck boards and stringers. Automated or chain-fed trim saws allow one worker to feed used material steadily to the saw; the chains feed the lumber automatically to the saw blade.

In the accompanying tables on pages 24-25 and 26-27, we provide information for our readers about advertisers that manufacture or sell two particular types of machines, bandsaw dismantlers and automated trim saws.

The tables list suppliers, Web site addresses and contact information, and some information about their machines, including special features and options. Some of the companies listed also may provide custom-made machines or custom manufacturing services.

As always, before making a buying decision, companies should carefully compare suppliers, machinery products and services.

For more information about any of these machines, contact the supplier. ■

Trim Saw Manufacturers

Automated Trim Saw										
Supplier	Phone	Web Site	Model	Saw Motor	Feed Motor	Blade Size	Stops	Board-Thickness	Board-Length	Boards-Cuts/Hr. *
AMS	(877) 267-8384	www.amssystems.com	Trim Trac VP	5 hp	0.5 hp	10-inch-14-inch	two	Contact Supplier	29 inches-54 inches	3,000
AMS			Trim Trac HP	5 hp	0.5 hp	10-inch-14-inch	two	Contact Supplier	16 inches-54 inches	3,000
Heartland	(800) 422-2215	www.heartlandfabandmachine.com	STS10	5 hp	0.33 hp	10-inch-16-inch	five	1-1/2 inches	54 inches	1,200
Industrial Resources of Michigan	(800) 748-0306	www.industrialresourcesusa.com	QuickCut	5 hp	0.5 hp	12 inch	three	2 inches	20-inches-54 inches	3,600
Pallet Repair Systems	(217) 291-0009	www.pallet-repair.com	OPTIMAX-I	5 hp	1.5	10-inch-14 inch	four	2 inches	18 inches-58 inches	1,700
Pallet Repair Systems			Millenium	7.5 hp	1.5	10-inch-14-inch	four	2 inches	18 inches-58 inches	2,300
Pallet Repair Systems			Mini-Max	5 hp	1 hp	10-inch, 12-inch	two	1 inch	18 inches-53 inches	1,700
Pallet Repair Systems			MP	10 hp	1.5 hp	10-inch-14-inch	four	3 inches	18-inches-58 inches	2,900
Pendu	(800) 233-0471	www.pendu.com	6600-L	5 hp (2)	0.5 hp	14 inch	one adjustable head	3 inches	16 inches-48 inches	contact supplier
Saw Service & Supply	(800) 735-5604	www.sawservicesupply.com	10-Inch Trim Saw	5 hp	0.5 hp	10 inch	two	5 inches	15 inches-57 inches	1,620
Smart Products	(800) 401-0099	www.smartproductsinc.com	Power Trim Saw	10 hp	0.5 hp	18 inch	three	2 inches	18 inches-60 inches	2,000
SMETCO	(800) 253-5400	www.smetco.com	Single-End Trim Saw	5 hp	0.5 hp	12 inch	one	2-1/2 inches	18 inches-60 inches	1,500
Trace Equipment	(877) 778-7223	www.traceequipment.com	Trim-Trac Double-Cut	5 hp	0.5 hp	10-inch-14-inch	four	Contact Supplier	17 inches-54 inches	6,000

Supplier	Options	Special Features
AMS	Trim-Trac VP-additional slide-off drop, single-phase electric	2 speeds, 1-inch arbor, heavily guarded, adjustable dual ski hold-down
AMS	Trim-Trac HP-single-phase electric, additional slide-off drops, trash conveyor, automatic wood sorting system	2 speeds, 3 chains, 1-inch arbor, heavily guarded, e-stop by blade, adjustable dual ski hold-down
Heartland	STS10-variable feed speed	3 chains, infeed board staging shelf, outfeed guides
Industrial Resources of Michigan	QuickCut-variable conveyor speed	3 chains, scrap conveyor, anti-kick back board hold-down, removable scrap deflector
Pallet Repair Systems	OPTIMAX-I-variable speed feed, length sorting system, board counter, metal sensor, incline scrap conveyor, dull blade sensor	1-inch arbor, scrap chute, discharge deck
Pallet Repair Systems	Millenium-variable speed feed, length sorting system, board counter, metal sensor, incline scrap conveyor, dull blade sensor	1-inch arbor, nylon chain guides
Pallet Repair Systems	Mini-Max-variable speed feed, board counter, incline scrap conveyor, dull blade sensor	1-inch arbor
Pallet Repair Systems	MP-variable speed feed, length sorting system, board counter, metal sensor, incline scrap conveyor, dull blade sensor	dull blade sensor
Pendu	incline waste conveyor, crank for blade adjustment	Nail Buster® saw blades
Saw Service & Supply	single-phase electric	three-phase electric, small footprint, easy to operate
Smart Products	single-phase electric	inclined board feed table, overhead saw, 42-inch removable infeed table
SMETCO		3 chains, single-phase or three-phase electric, adjustable stop
Trace Equipment		single-phase electric, wood racks, trash conveyor

*Hourly production figures based on statements by manufacturer.