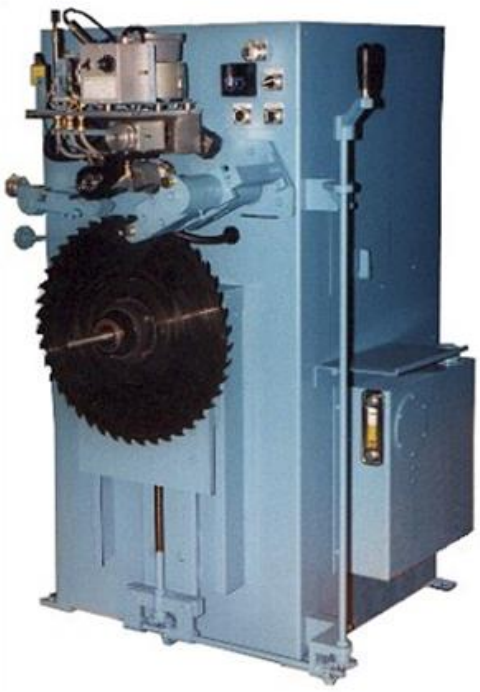
ARMSTRONG AUTOTIP AUTOMATIC STELLITE TIPPING MACHINE CIRCULAR & BANDSAWS



One AUTOTIP can be equipped to tip both band and circular saws. For example, a single AUTOTIP machine can tip all the saws in a sawmill with seven band mills and 60 circular saws. It takes just five minutes to change this machine from tipping circular saws to tipping band saws.

Maximize profits with an AUTOTIP Cobalt Chromium Alloy® stellite tipping machine you can count on.

Cobalt Chrome Alloy programs start with the installation of the best equipment, a reliable manufacturer who will be your partner long after the sale. Armstrong provides the necessary equipment, training and assistance to obtain the maximum benefits from tipping cobalt and chromium alloys almost immediately. Our complete program includes the layout of the sharpening room, the selection of equipment adapted to your needs, installation, in-depth training and local assistance.

Why Preformed Tips?

Preformed tips are available in 13 sizes (new sizes can be made on request), so just the right amount of Cobalt Chromium Alloy is applied to each tooth. Grinding time are reduced and there is less tendency for tooth deflection during grinding. Preformed Cobalt Chromium Alloy tips from Armstrong typically cost less than half the cost of “balls” or rod used by other automatic machines.
Our new extra long tips are ideal for filers using an alternating bevel on their saws. In fact, the AUTOTIP is the best choice for mills interested in using this technique to achieve sharper saws. The AUTOTIP welds and anneals each tip before advancing to the next tooth. This provides a durable, high quality bond for reliable performance on the saw.

CARACTERISTICS

RELIABILITY : Hydraulic power and heavy-duty construction make the AUTOTIP a machine you can count on. Many have been in constant service for years.

PREFORMED TIPS : Pure Cobalt Chromium Alloy tips in 13 sizes means lower tip costs and quicker grinding times.

VERSATILITY: Band, sash gang and circular saws can be tipped on the same machine. It takes just minutes to switch from one saw type to another.

SPEED : Tips up to four 220 tooth band saws per eight hour shift. Many AUTOTIPs place more than 100,000 tips per year. A single machine can service up to 12 band mills or 7 band mills and 60 circular saws.

RESISTANCE WELDING FOR SUPERIOR RESULTS-: Resistance welding is a safer, simpler way to apply Cobalt Chromium Alloy tips. The AUTOTIP takes full advantage of the lower heat required to maintain the purity of the saw tips. There is no mixing of the steel and Cobalt Chromium Alloy, as often happens with plasma machines, because the AUTOTIP "spot welds" the preformed tips to the saw plate. The result is a stronger, harder, purer tip that can be profiled and side ground much quicker.

AUTOMATION : Microprocessor control allows fully automatic operation so filers can perform other work while saw are tipped.

SUPPORT WHERE AND WHEN YOU NEED IT!

Armstrong machines are sold and serviced through a worldwide network of Stocking Distributor/Service Centers. Each distributor has factory trained service technicians on staff and stocks a complete inventory of spare parts.

SMAB
Conseil - Assistance - Formation

Distribué par
SMAB Sarl
235 Chemin du marais
ZA Le Chapelier
38110 ST JEAN DE SOUDAIN
Tel : +33 9 87 02 43 73
Fax : +33 9 81 38 15 25
contact@smabscierie.com
www.smabscierie.com

AUTOTIP Automatic Stellite Tipping Machine Features

The AUTOTIP welds and annihilates each tips before moving on to the next tooth. Armstrong's Cobalt Chromium Alloy preformed tips generally cost less than half the cost of "bales" or rolls used by other automated machines.

	Minimum		Maximum	
Saw Plate Thickness	.032"	0.80 mm	.180"	4.57 mm
Band Width	2"	51 mm	16"	106 mm
Band Length	10'	3 m	60'	18 m
Saw Diameter	7"	175 mm	40" *	1000 mm *
Tooth Space	0.75" **	19 mm **	6.5" ***	165 mm ***

* Saws up to 60" (1525 mm) can often be accommodated for a nominal extra charge. Please contact Armstrong with specifications on saws for a quote.
** Smaller sizes can be accommodated. Contact Armstrong for specifications.
*** Circle saws with tooth spaces 3.5" (90 mm) or larger require optional feed finger track PN 10563, available at no charge in place of standard or at nominal charge in addition to standard.

Resistant welding for superior results :

Resistant welding is a safer, simpler way to apply cobalt and chromium alloy tips. AUTOTIP takes advantage of the lowest temperature necessary to keep the purity of the blade pads. There is no mixture between steel and cobalt and chromium alloy, as is often the case with plasma machines, because AUTOTIP "spot welds" the preformed pellets to the blade body. The result is a purer, stronger and harder pellet that can be ground faster.

SPECIFICATIONS :

The AUTOTIP uses a 3 H.P. (2 kw) electric motor with push button starter for standard 3 phase alternating current, a hydraulic pump, pre-programmed microprocessor, proximity sensors, automatic tip delivery system, and electric resistance welding and annealing system.

Machine Height:	61"	1500 mm
Floor Space:	41" wide x 55" deep	1040 mm wide x 1400 mm deep
Truck Weight:	1600 lbs.	725 kg
Ocean Weight	1900 lbs.	875 kg
Displacement:	96 cu. ft.	2.7 cu. meters

NOTE: Capacities subject to current design specifications at time of shipment.

References	Width *	Thickness	Length
10755-C100	2.54 mm	1.91 mm	3.30 mm
10755-C125	3.18 mm	2.29 mm	4.57 mm
10755-C138-180	3.51 mm	2.29 mm	4.57 mm
10755-150	3.81 mm	2.29 mm	4.57 mm
10755-C165	4.19 mm	2.67 mm	5.21 mm
10755-C175	4.45 mm	3.05 mm	6.10 mm
10755-C187	4.75 mm	3.05 mm	6.10 mm
10755-C200	5.08 mm	3.05 mm	6.10 mm
10755-C225	5.72 mm	3.81 mm	7.62 mm
10755-C250	6.35 mm	3.81 mm	7.62 mm
Extra long tips - special for circular blades with reciprocating bevel			
10755-C125-240	3.18 mm	2.29 mm	6.10 mm
10755-C150-240	3.8 mm	3.05 mm	6.10 mm
10755-C165-300	4.19 mm	3.18 mm	7.62 mm
All dimensions are nominal. Current dimensions may vary +/- 1 ten. * The maximum track must be 5 diz less than the width of the normal pad.			