

HSFTブランド 廉価チップコンベアのご紹介

▪ キャッチフレーズ

短納期（50日）, 簡単設置（2時間）で即稼動、速攻効果発揮の優れたもの！
更に、リーズナブルプライスで高品質！

▪ こんなお客様へ

現状の実態（困り事）

- 1, 切粉の影響による加工精度不良発生させている
- 2, 切粉の影響によるポンプ交換・刃具寿命低下等での費用ロスを発生している
- 3, 切粉カキ出し作業・切粉回収処理の外部委託に依る費用ロスが発生している
- 4, タンク清掃・ポンプ修理or交換によるマシン停止、稼動ロスを発生させている
- 5, 上記、交換作業及び切粉回収作業・タンク清掃作業のための要員を発生させている



▪ 特徴

特に大手工作機械メーカーのベストセラー商品に特化した製品設計、ベースコンベアは世界に導入され実績あり、その技術を継承しコンパクト化。設置後のビジュアルは文句なし 併せて、操作の不便さもありません。ドラムフィルター採用の逆弁仕様なので目詰まりなく、スムーズな切粉機外排出を実現した。

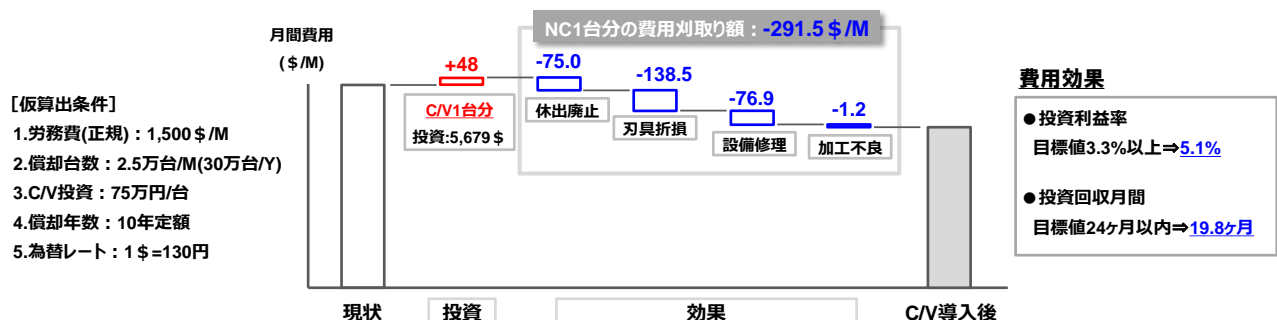
▪ 設置対象機

基本的には# 30CNC 用のFANUC製ROBO DRILL全域とBROTHER製TAPPING CENTER全域

▪ 刈取り効果目論見

	現状	ご提案	効果目論見
方案	メッシュ受け仕様 人に依る手動切粉排出処理	廉価チップコンベア 自動切粉排出処理	
図解			(M/C1台の月間効果)
効果	Q:加工不良数(刃具折損)	10台/M	0台/M 1.2\$削減
	C:刃具折損(超硬ドリル)	2本/M	0本/M 138.5\$削減
	C:設備修理費(ポンプ修理費)	76.9\$/M(2回/M)	0\$/M 76.9\$削減
	C:休出切粉清掃	1回/M	0回/M 75.0\$削減
	D:稼働率	78%	85%以上 +7%
E:クランク飛散(切粉清掃時)	多い	少ない	-

▪ 月間費用効果---チップコンベア1台導入時 (試算値ご参考)



▪ 補足

1. 上記試算は日本向けであり、海外輸出の場合は別途輸出費用・現地商社費用が発生致します。
2. 本書で云うベース設備は某H社海外工場に導入したチップコンベアを示します。(200台以上)



株式会社 **HSF Techno**

Introduction of HSFT brand low-cost chip conveyor

▪ Catchphrase

Short delivery time (50 days), easy installation (2 hours), immediate operation, excellent product with immediate effect. Furthermore, high quality at a reasonable price!

▪ For customers like this

Current state of affairs (problems)

- 1, Poor processing accuracy is caused by the influence of chips
- 2, Expenses are incurred due to pump replacement and reduced tool life due to chips
- 3, Cost loss due to outsourcing of chip removal work and chip collection processing
- 4, Machine stoppage and operation loss due to tank cleaning and pump repair or replacement
- 5, The personnel for the above replacement work, chip collection work, and tank cleaning work are generated
- 6, Hazardous coolant is taken out when collecting chips (industrial waste disposal occurs)



▪ Feature

In particular, product design specializing in the best-selling products of major machine tool manufacturers, the base conveyor has been introduced all over the world and has a proven track record. The visuals after installation are perfect in addition, there is no inconvenience in operation. A reverse valve specification with a drum filter ensures smooth removal of chips without clogging.

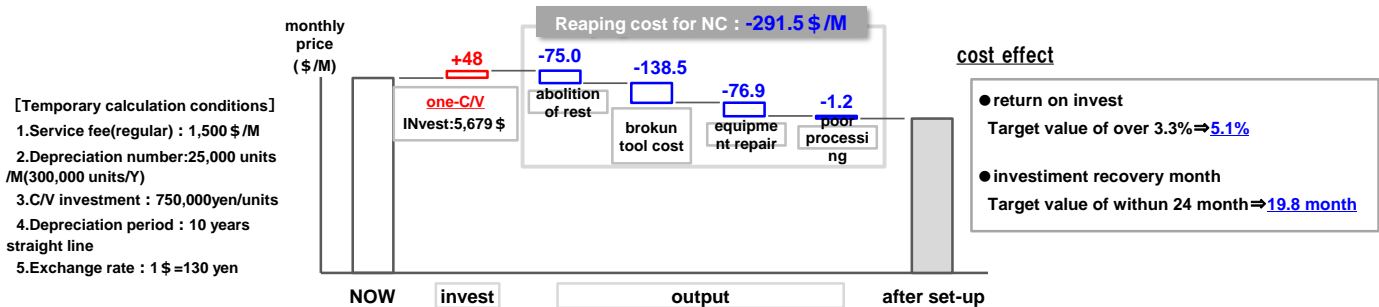
▪ Installation

Basically, all areas of FANUC ROBO DRILL and BROTHER TAPPING CENTER for #30 CNC

▪ Reaping effect plan

	status quo	Proposal	Effect Prospect	
scheme	Mesh Receiving Specifications Manual chip discharge treatment by humans	Low-cost chip conveyor Automatic chip discharge treatment		
plan			(Monthly effect of M/C 1 unit)	
E F F E C T	Q: Number of malformed tools (cutting tool breakage)	10 units/M	0 units/M 1.2\$ reduce	
	C: Blade breakage (carbide drill)	2 pcs/M	0 pcs/M 138.5\$ reduce	
	C: Equipment repair cost (pump repair cost)	76.9\$/M (2 times/M)	0 \$/M (0 times/M)	76.9\$ reduce
	C: Cleaning of idle chips	1 time/M	0 times/M	75.0\$ reduce
	D: Occupancy rate	78%	More than 85%	+7%
E: Coolant scattering (when cleaning chips)	many	few	—	

▪ Monthly Cost effectiveness---when introducing one chip conveyor (reference to trial calculation)



▪ Supplement

1. The above calculations are for Papan, In the case of overseas exports, separate export costs and local trading company costs will be incurred
2. The base equipment referred to in this document refers to the chip conveyor installed in a company H's overseas factory (more than 200 units)

