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LNS, YOUR UNIQUE PARTNER
FOR YOUR PERIPHERALS

COOLANT MANAGEMENT SYSTEMS
冷卻液管理系統

BAR FEEDING SYSTEMS
棒材送料系統

AIR FILTRATION SYSTEMS
空氣濾清系統

CHIP MANAGEMENT SYSTEMS
切屑管理系統



YOUR ONE-STOP-SHOP
FOR MACHINE-TOOL PERIPHERALS

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Fedek ChipBLASTER SE-Series 產品系列

LNS

LNS ChipBlaster B-Series 產品系列
LNS ChipBlaster S-Series 產品系列

FEDEK Diameter Range 棒材直徑範圍

Type	Hydraulic								Mechanical			Short	
Model	GT 112	GT 326	GT 342	GT 552	GT 565	XT 320 evo	SN542 S2	SN551 S2	KE 408	KE 710	KT Series	EL 65	EL 105
Meter	2.0/2.5/3.2	2.5/3.2	2.5/3.0	2.5/3.0	3.0	2.5/3.2	2.5/3.2	2.5/3.2	1.5/2.0	1.5/2.0	2.5/3.0	1.3/1.6	1.6
Ømm	3.7/4.0	3.7/4.0	3.7/4.0	3.7/4.0	3.7/4.0	3.7/4.0	3.7/4.4	3.7/4.4	2.5/3.0	2.5/3.0	3.7/4.0		
0.8									0.8				
1	1								◎	1			
2	◎								◎	◎	2		
3	◎	3	3			3			◎	◎	◎		
4	◎	◎	◎			◎			4	◎	◎		
5	◎	◎	◎	5	5	◎	5	5		◎	◎	5	
6	◎	◎	◎	◎	◎	◎	◎	◎		◎	◎	◎	6
7	◎	◎	◎	◎	◎	◎	◎	◎		7	◎	◎	◎
8	◎	◎	◎	◎	◎	◎	◎	◎			◎	◎	◎
10	◎	◎	◎	◎	◎	◎	◎	◎			◎	◎	◎
12	12	◎	◎	◎	◎	◎	◎	◎			◎	◎	◎
16		◎	◎	◎	◎	◎	◎	◎			◎	◎	◎
20		◎	◎	◎	◎	◎	◎	◎			20	◎	◎
26		26	◎	◎	◎	26*	◎	◎				◎	◎
28			◎	◎	◎		◎	◎				◎	◎
32			◎	◎	◎		◎	◎				◎	◎
35			◎	◎	◎		◎	◎				◎	◎
38			◎	◎	◎		◎	◎				◎	◎
42			42	◎	◎		42	◎				◎	◎
45				◎	◎			◎				◎	◎
51				◎	◎			51				◎	◎
52				52	◎							◎	◎
65					65							65	◎
105													105

Bar end preparation will be required for some maximum diameters. 部分規格需進行端面修料以達最大棒材直徑。
The specification* may vary depending on applications. 視應用條件不同，此規格將有所變更。
To reach the best performance of the application, additional guiding channels are necessary when there is a great clearance between the bar and the channel. Please contact our salesperson for further information.
為達到最佳性能表現，當棒材與料管間隙過大時，需另外加購料管。詳細資訊請洽LNS業務人員。

Type	Short
Model	DH65/65L S2
Meter	1.2/1.5
Ømm	
0.8	
1	
2	
3	
4	
5	5
6	◎
7	◎
8	◎
10	◎
12	◎
16	◎
20	◎
26	◎
28	◎
32	◎
35	◎
38	◎
42	◎
45	◎
51	◎
52	◎
65	65
80	
105	



AUTOMATIC HYDRAULIC BAR FEEDERS - LONG BARSTOCK
油膜式長棒材自動送料機

GT 112

GT 326

GT 342

GT 552

GT 565

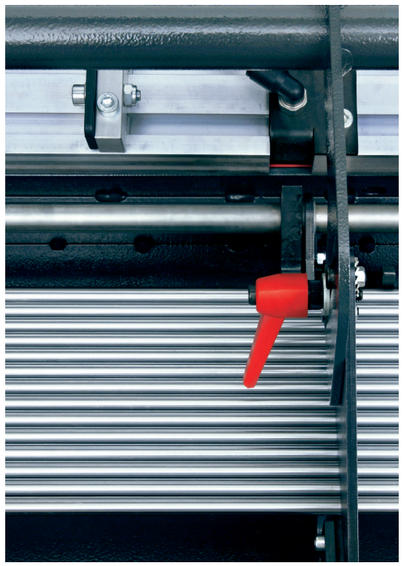
XT 320 evo

SN542 S2

SN551 S2

Ømm

0 20 40 60 80



FEDEK

GT 112



- High performance and precise screw loading system
- Sectional guiding channel cover ensures smooth guiding (Patent)
- Integrated 2-in-1 guiding channel to give flexibility in production
- Self-centering bar clamping device
- Reliable headstock synchronization device
- Power booster for better insertion and extraction

- 高性能且準確的螺桿式下料系統
- 分段式料蓋確保送料順暢（專利）
- 雙尺寸料管增加產品之應用彈性
- 免調整式夾料裝置
- 可靠的主軸同步裝置
- 插拔料輔助增加插拔料強度

GT 112						
Diameter 直徑*	mm	Ø1~Ø12				
Model 機型	M	2.0	2.5	3.2	12'	4.0
Loading Capacity 棒材容量		30pcs/20pcs/14pcs**				
Overall Length 機台長度	mm	2825	3380	4080	4550	4870
Overall Width 機台寬度	mm	432				
Max. Bar Length 最長棒材長度	mm	2060	2560	3260	3736	4056
Weight 重量	kg	333	375	414	433	455
Air Pressure 空壓	kgf/cm²	5~7				
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更				
Spindle Height 主軸高度	mm	875~1275				
Headstock Type 車床型式		Fixed/Sliding 走刀/走心式				

OPTIONS 選配

External Stablizer 主軸防震、Integrated HMI Remote Control 人機整合式手控盒

* Bar end preparation will be required for some maximum diameters.
部份規格須進行端面修料以達最大棒材直徑。

** The magazine capacity is determined by bar diameter and program setting, please consult with LNS technical personnel.
可用棒材容量與棒材直徑、出機設定有關，請向LNS技術人員諮詢。

FEDEK

GT 326



- Quick changeover simplicity and precise guiding
- Powerful self-centering vise for bar insertion and extraction
- Safer operation and optimum RPM
- Easy to use remote control with HMI (Option)

- 簡易換料調整及精準下料
- 高強度免調整式夾料裝置
- 更安全的操作及最佳轉速
- 手持控制器結合人機介面（選配）

GT 326					
Diameter 直徑*	mm	Ø3~Ø26			
Model 機型	M	2.5	3.2	3.7	4.0
Loading Capacity 棒材容量		Ø3mm x 90pcs			
Overall Length 機台長度	mm	3345	3935	4495	4935
Overall Width 機台寬度	mm	513			
Max. Bar Length 最長棒材長度	mm	2640	3230	3790	4230
Weight 重量	kg	378	402	424	450
Air Pressure 空壓	kgf/cm²	5~7			
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更			
Spindle Height 主軸高度	mm	800~1130			
Headstock Type 車床型式		Fixed/Sliding 走刀/走心式			

OPTIONS 選配

External Stablizer 主軸防震、Synchronization Device 同步裝置、
Integrated HMI Remote Control 人機整合式手控盒

*Bar end preparation will be required for some maximum diameters.
部份規格須進行端面修料以達最大棒材直徑。

FEDEK

GT 342



- Reinforced self-centering clamping device (Patent)
- Patent designed quick changeover channel (Patent)
- Front section filled with mineral cast to reduce noise and minimize the vibrations
- Sectional guiding channel cover ensures smooth guiding
- Standard integrated touch screen HMI remote control
- Power booster for better reliability of insertion and extraction

- 高強度免調整式夾料裝置（專利）
- 專利設計之快拆式膠管（專利）
- 機身前端填充特殊減震材料，有效減少噪音並降低震動
- 分段式料蓋確保送料順暢
- 標準配備觸控式人機整合式手控盒
- 插拔料輔助增加插拔料可靠度

GT 342					
Diameter 直徑*	mm	Ø3~Ø42			
Model 機型	M	2.5	3.0	3.7	4.0
Loading Capacity 棒材容量		Ø10mm x 28pcs			
Overall Length 機台長度	mm	3380	3920	4460	5000
Overall Width 機台寬度	mm	432			
Max. Bar Length 最長棒材長度	mm	2670	3210	3750	4290
Weights 重量	kg	670~750	800~880	900~980	1040~1120
Air Pressure 空壓	kgf/cm²	5~7			
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更			
Spindle Height 主軸高度	mm	900~1200			
Headstock Type 車床型式		Fixed/Sliding 走刀/走心式			

OPTIONS 選配

External Stablizer 主軸防震、Synchronization Device 同步裝置

*Bar end preparation will be required for some maximum diameters.
部份規格須進行端面修料以達最大棒材直徑。

FEDEK

GT 552



- Reinforced self-centering clamping device (Patent)
- Patent designed quick changeover channel (Patent)
- Vertical loading bar along with the buffering mechanisms, reduces the impact during bar loading.
- Sectional guiding channel cover ensures smooth guiding
- Unload bar stock design enhances convenience and reduces the risk of occupational injuries.
- Power booster for better reliability of insertion and extraction

- 高強度免調整式夾料裝置（專利）
- 專利設計之快拆式膠管（專利）
- 垂直式下料並輔以緩衝機構減少棒材落料時之衝擊力道
- 分段式料蓋確保送料順暢
- 卸載棒材設計，提高便利性，減少工作傷害
- 插拔料輔助增加插拔料可靠度

GT 552					
Diameter 直徑*	mm	Ø5~Ø52			
Model 機型	M	2.5	3.0	3.7	4.0
Loading Capacity 棒材容量		Ø10mm x 28pcs			
Overall Length 機台長度	mm	3395	3935	4475	5015
Overall Width 機台寬度	mm	613			
Max. Bar Length 最長棒材長度	mm	2669	3209	3749	4289
Weight 重量	kg	850	900	950	1000
Air Pressure 空壓	kgf/cm²	5~7			
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更			
Spindle Height 主軸高度	mm	890~1220			
Headstock Type 車床型式		Fixed/Sliding 走刀/走心式			

OPTIONS 選配

External Stablizer 主軸防震、Synchronization Device 同步裝置、Telescopic Tube 伸縮套管、2-position Z-axis Retraction System 雙安全開關Z軸移動裝置

*Bar end preparation will be required for some maximum diameters.
部份規格須進行端面修料以達最大棒材直徑。

FEDEK

GT 565



- Reinforced self-centering clamping device (Patent)
- Patent designed quick changeover channel (Patent)
- Vertical loading bar along with the buffering mechanisms, reduces the impact during bar loading.
- Sturdy and core beam
- Unload bar stock design enhances convenience and reduces the risk of occupational injuries.
- Power booster for better reliability of insertion and extraction
- Standard Z-axis retraction

- 高強度免調整式夾料裝置（專利）
- 專利設計之快拆式膠管（專利）
- 垂直式下料並輔以緩衝機構減少棒材落料時之衝擊力道
- 堅固並結構優化
- 卸載棒材設計，提高便利性，減少工作傷害
- 插拔料輔助增加插拔料可靠度
- 標準配備Z軸移動腳

GT 565				
Diameter 直徑*	mm	Ø5~Ø67		
Model 機型	M	3.0	12'	4.0
Loading Capacity 棒材容量		Ø10mm x 28pcs		
Overall Length 機台長度	mm	4305	4845	5205
Overall Width 機台寬度	mm	670		
Max. Bar Length 最長棒材長度	mm	3321	3861	4220
Weight 重量	kg	1900		
Air Pressure 空壓	kgf/cm²	5~7		
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更		
Spindle Height 主軸高度	mm	940~1300		
Headstock Type 車床型式		Fixed/Sliding 走刀/走心式		

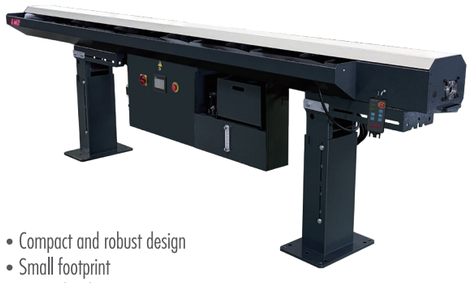
OPTIONS 選配

External Stablizer 主軸防震、Synchronization Device 同步裝置、Telescopic Tube 伸縮套管

*Bar end preparation will be required for some maximum diameters.
部份規格須進行端面修料以達最大棒材直徑。

FEDEK

XT 320 evo



- Compact and robust design
- Small footprint
- High reliability in insertion and extraction
- PU guiding channel dampens the vibrations for optimum performance
- Installing the front stabilizer inside to prevent lubricant splashing issues

- 精巧耐用的機身設計
- 占地空間小
- 可靠的插拔料
- PU耐磨膠管可減少震動以達最佳工作性能
- 內藏式防震，避免潤滑油噴濺問題

XT 320 evo					
Diameter 直徑*	mm	Ø3~ Ø20 (Ø26)			
Model 機型	M	2.5	3.2	3.7	4.0
Loading Capacity 棒材容量		Ø5mm x 52pcs			
Overall Length 機台長度	mm	3328	3918	4178	4918
Overall Width 機台寬度	mm	470			
Max. Bar Length 最長棒材長度	mm	2600	3200	3750	4200
Weight 重量	kg	378	393	435	440
Air Pressure 空壓	kgf/cm²	5~7			
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更			
Spindle Height 主軸高度	mm	907~1307			
Headstock Type 車床型式		Fixed/Sliding 走刀/走心式			

OPTIONS 選配

External Stablizer 主軸防震、Synchronization Devide 同步裝置

*Bar end preparation will be required for some maximum diameters.
部份規格須進行端面修料以達最大棒材直徑。

FEDEK

SN542/551 S2



- Bi-material channel provides good durability and reduce material consumption
- Powerful clamping system ensures working smoothly during insertion and extraction
- Front stabilizer effectively reducing noise and minimizing the vibrations

- 雙材料料管提升耐用度，並節省耗材
- 高強度夾料系統確保插拔料過程順暢
- 前端防震有效減少噪音並將震動幅度降至最低

SN542/551 S2					
Diameter 直徑*	mm	Ø5~Ø42/Ø5~Ø51			
Model 機型	M	2.5	3.2	3.7	4.0
Loading Capacity 棒材容量		Ø10mm x 28pcs			
Overall Length 機台長度	mm	3250	3910	4450	5110
Overall Width 機台寬度	mm	682			
Max. Bar Length 最長棒材長度	mm	2500	3200	3700	4400
Weight 重量	kg	880	970	1030	1130
Air Pressure 空壓	kgf/cm²	5~7			
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更			
Spindle Height 主軸高度	mm	900~1195			
Headstock Type 車床型式		Fixed/Sliding 走刀/走心式			

OPTIONS 選配

External Stablizer 主軸防震、Synchronization Device 同步裝置

*Bar end preparation will be required for some maximum diameters.
部份規格須進行端面修料以達最大棒材直徑。

AUTOMATIC MECHANICAL BAR FEEDERS - LONG BARSTOCK
機械式長棒材自動送料機

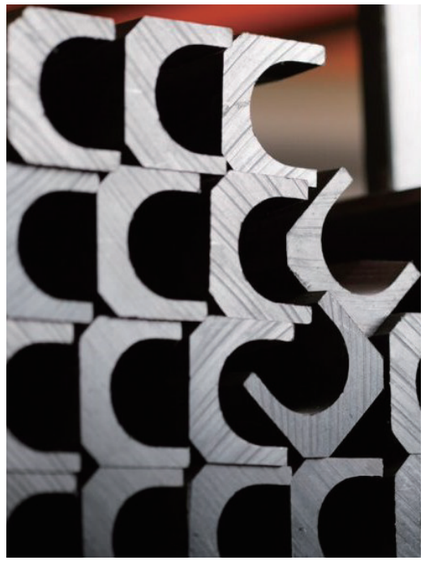
KE 408

KE 710

KT Series

Ømm

0 20 40 60 80



KE 408/710



- Small diameter channel for optimal guiding
- High performance and precise screw loading system
- Double material clamps ensure an accurate center of clamping
- Weight feeding mechanism system increases stability on feeding process
- Simplified bar arrangement eliminates bar bending issues

- 小直徑料管給予最佳送料空間
- 高性能且準確的螺桿式下料系統
- 雙料夾設計以確保夾料中心精準
- 垂錘式送料機構增加送料穩定性
- 排料機構簡化，材料無彎曲之虞

KE 408/710					
Diameter 直徑	mm	Ø0.8~Ø4		Ø1~Ø7	
Model 機型		KE 408		KE 710	
Loading Capacity 棒材容量		34pcs		22pcs	
Overall Length 機台長度	mm	1565	2305	2675	3175
Overall Width 機台寬度	mm	480			
Max. Bar Length 最長棒材長度	mm	1500	2000	2500	3000
Weight 重量	kg	156~210			
Air Pressure 空壓	kgf/cm²	5~7			
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更			
Spindle Height 主軸高度	mm	680~1280			
Headstock Type 車床型式		Fixed/Sliding 走刀/走心式			

OPTIONS 選配

3 Sections Channel Cover 三段式料蓋

KT Series



- Double layer magazine greatly increases bar loading capacity
- AC motor drive with adjustable torque for superior bar feeding performance
- Movable stands enable fast installation and easy maintenance
- Reliable and durable air operated bar stabilizing device (Option)
- PU channel for minimal noise and vibration (Option)

- 採雙層置架設計，大幅增加棒材容量
- 採用AC伺服馬達，配合平衡力矩，送料效果優異
- 移動式腳座使料機安裝快速且方便維護
- 氣壓式防震裝置結構安全耐用（選配）
- 另外提供PU膠管將震動及噪音最小化（選配）

KT Series					
Diameter 直徑	mm	Ø2~Ø12	Ø3~Ø15	Ø4~Ø16	Ø5~Ø20
Model 機型		KT 12	KT 15	KT 16	KT 20
Loading Capacity 棒材容量	mm	390			
Overall Length 機台長度	mm	3815	4315	5014	5514
Overall Width 機台寬度	mm	480			500
Max. Bar Length 最長棒材長度	mm	2560 (2.5M)/3060 (3.0M)			
Weight 重量	kg	150~230			
Air Pressure 空壓	kgf/cm²	5~7			
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更			
Spindle Height 主軸高度	mm	738~1188			900~1200
Headstock Type 車床型式		Fixed/Sliding 走刀/走心式			

OPTIONS 選配

Synchronization Device 同步裝置

AUTOMATIC BAR FEEDERS - SHORT BARSTOCK
短棒材自動送料機

EL 65

EL 105

DH65/65L S2

0 20 40 60 80 90 110



EL 65



- The unique full-electric design makes the operation of bar feeder easier with power supply only
- Advanced servo drive allow precise bar control
- Significantly reduce rocking and noise when loading new materials
- Automatically detect bar stock length and measure Top Cut position
- Hand held touch control HMI enables convenient setup and operation

- 獨特的全電式設計使送料機僅需電源供應即可操作
- 先進的伺服驅動提供精確的棒材控制
- 大幅降低下料時產生的噪音及晃動
- 自動感測棒材長度以及計算切端位置
- 掌上型觸控人機手控盒方便操作及設定

EL 65			
Diameter 直徑	mm	Ø5~Ø65	
Model 機型	M	1.3	1.6
Loading Capacity 棒材容量		Ø10mm x 60pcs	
Overall Length 機台長度	mm	1683	1983
Overall Width 機台寬度	mm	927	
Max. Bar Length 最長棒材長度	mm	1300	1600
Weight 重量	kg	220	245
Air Pressure 空壓	kgf/cm²	5~7	
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更	
Spindle Height 主軸高度	mm	905~1255	
Headstock Type 車床型式		Fixed 走刀式	

OPTIONS 選配

Support Stand 支撐座、X/Z-axis Retraction System X或Z軸移動裝置

EL 105



- The unique full-electric design makes the operation of bar feeder easier with power supply only
- Advanced servo drive allow precise bar control
- Significantly reduce rocking and noise when loading new materials
- Automatically detect bar stock length and measure Top Cut position
- An adjustable monitor stand provides a more personalized working environment
- Remove the bar stock from the V channel through the unloading system to enhance convience.

- 獨特的全電式設計使送料機僅需電源供應即可操作
- 先進的伺服驅動提供精確的棒材控制
- 大幅降低下料時產生的噪音及晃動
- 自動感測棒材長度以及計算切端位置
- 可調式顯示器支架提供更人性化的操作環境
- 透過卸載系統將棒材從V型料槽移除提高便利性

EL 105		
Diameter 直徑	mm	Ø6~Ø105
Loading Capacity 棒材容量		Ø50mm x 11pcs
Overall Length 機台長度	mm	2043
Overall Width 機台寬度	mm	927
Max. Bar Length 最長棒材長度	mm	1600
Weight 重量	kg	380
Air Pressure 空壓	kgf/cm²	5~7
Power Supply 電源供應		220V 1p Other voltages available upon requests 可依訂單需求變更
Spindle Height 主軸高度	mm	978~1328
Headstock Type 車床型式		Fixed 走刀式

OPTIONS 選配

Support Stand 支撐座、X/Z-axis Retraction System-Stroke 600mm X或Z軸移動裝置-行程600mm

DH65/65L S2



- No strictly requirement for bar straightness
- Extremely short of bar changing cycle time
- Calculating the bar position accurately by encoder
- Pneumatic rodless cylinder drive system

- 棒材真直度無須嚴格要求
- 換料循環時間極短
- 譯碼器精確計算棒材位置
- 氣壓式無桿缸驅動裝置

DH65/65L S2			
Diameter 直徑	mm	Ø5~Ø65	
Model 機型	M	1.2	1.5
Loading Capacity 棒材容量		Ø5mm x 114pcs	
Overall Length 機台長度	mm	1660	1968
Overall Width 機台寬度	mm	1126	
Max. Bar Length 最長棒材長度	mm	1210	1510
Weight 重量	kg	298	328
Air Pressure 空壓	kgf/cm²	5~7	
Power Supply 電源供應		220V 3p Other voltages available upon requests 可依訂單需求變更	
Spindle Height 主軸高度	mm	850~1250	
Headstock Type 車床型式		Fixed 走刀式	

OPTIONS 選配

Support Stand 支撐座、X/Z-axis Retraction System X或Z軸移動裝置

CHIP CONVEYOR
排屑機簡介

The machining of parts by milling, drilling or turning requires an effective and continuous evacuation of chips to prevent production slowdown or stops and therefore increase machine productivity.

LNS designs and produces conveyors and complete chip disposal systems for all machine types (milling, turning or machining centers) and for the most varied applications.

A complete range of conveyors covers all material types and chip shapes. In addition based on the filtration requirements, LNS chip conveyors can be equipped with up to 50µ filtration systems.

在工具機加工中，無論零件是銑削、鑽孔或車削加工，皆需將切屑持續有效地移出加工區域，以避免生產減速或停止，進而提高您工具機的生產效率。

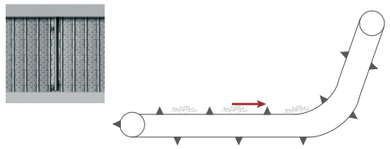
艾恩司所設計、生產的排屑機與完整的切屑處理系統可適用於各類型的工具機（銑削、車削或加工中心等），及各種不同的切屑處理應用。

完整的切屑處理系統，可以處理不同材料所產生的各種切屑。此外，根據過濾要求，艾恩司所生產的排屑機亦可裝配達到50µ的過濾系統。

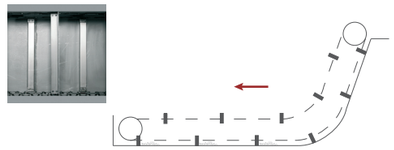


BELT TYPES
鏈帶種類

Hinge/Scraper Belt Combined
鏈帶和刮板複合型



Scraper Belt
刮板型



Specifications 規格

Material Type 材料種類	Chip Shape 切屑類型	Model 鏈帶種類	Coolant Filtration (μ) 冷卻液過濾 (μ)	Model 機型
Mixed material (brass/steel/cast iron/aluminum/plastic) 混和材料 (黃銅 / 鋼 / 鑄鐵 / 鋁 / 塑膠)	Mixed Shape 混合切屑	Hinge/Scraper Belt Combined 鏈帶和刮板複合型	No Filtration 無過濾系統	FEDEK Turbo HB
			500μ	FEDEK Turbo HF
			140μ	FEDEK Turbo HX
Mixed Material (Brass, steel, cast iron) 混和材料 (黃銅 / 鋼 / 鑄鐵)	Fine 細小切屑	Scraper Belt 刮板型	No Filtration 無過濾系統	FEDEK Turbo Scraper Conveyor
			750μ	

FEDEK Turbo HB



The Fedek Turbo HB conveyor meets the price and performance needs of today's machine tools in the Asia market. It is the perfect conveyor to use in a wide variety of applications where chip removal is required but with no filtration. This makes the Fedek Turbo HB the ideal choice for coarse and stringy chips.

Fedek Turbo HB排屑機提供合理的價格，滿足亞洲市場目前工具機性能的需求，適合各式無過濾需求的切屑處理應用，為粗大長屑最佳的排屑設備選擇。

Your Best Choice For 您的最佳選擇

- Coarse and stringy chips 適用於粗大和螺旋狀切屑
- Mixed material and plastic 適用於各種金屬，塑膠材料
- No filtration 無過濾功能

Options 選購配備

- Variable speed control 變速控制器
- Reduced coolant carried out 降低冷卻液帶出量

Designed to Meet Your Application

Fedek Turbo HB conveyor is designed to perfectly match the various size limitations imposed by machine tools, all while delivering the best in chip removal performance and trouble free operation.

滿足您應用需求的設計

Fedek Turbo HB 排屑機能完美配合各種尺寸機床，使其發揮最佳的排屑性能，運轉順暢且低故障率。

FEDEK Turbo HF



The Fedek Turbo HF will handle any type of chip material and any chip geometry including fines, broken and stringy chips, all while providing filtered coolant to keep the machine tank clear of chips. It is designed for production efficiency and an ideal choice for applying on various types of machines. The filtering system with scrapper cleats keeps the frame free of chips so ensures the conveyor can operate.

Fedek Turbo HF 排屑機可用於各種材料和形狀的切屑，如微粒、短屑、螺旋長屑等。其配備過濾系統，能有效將冷卻液中的切屑濾出，避免切屑汙染機床水箱。其排屑系統設計，能應用於多種類型的加工設備，皆可發揮優良的排屑效果，有效提高生產效率。為確保設備的順暢運行，鏈板上設置有刮板，幫助清潔排屑機底部的切屑，使鏈板能順暢運行，保持排屑機持續運作。

Your Best Choice For 您的最佳選擇

- Mixed shape chips 適用於各種類型切屑
- Mixed material 適用於各種材料
- Filtration to 500μ 500μ 過濾等級

Benefits of Fedek Turbo HF 益處

- Compact dimension 小巧尺寸設計
- Discharge smaller footprint 合理的排屑口設計使佔地面積更小
- Few coolant carried out 有效降低冷卻液帶出量
- Self cleaning filtration 自清潔行過濾系統
- Fits to most standard machine coolant tanks 適配於多數工具機水箱
- Flexible design for various flow rates 可依冷卻液流量設計
- Handles any chip shape and any material 處理各式形狀、大小與材料的切屑
- Single drive for reduced energy consumption 單驅動器省電設計

FEDEK Turbo HX



The Fedek Turbo HX will handle any type of chip material and any chip geometry including fines, broken and stringy chips, all while providing filtered coolant to keep the machine tank clear of chips. It is designed for production efficiency and an ideal choice for applying on various types of machines. The filtering system with scrapper cleats keeps the frame free of chips so ensures the conveyor can operate.

Fedek Turbo HX 排屑機可用於各種材料和形狀的切屑，如微粒、短屑、螺旋長屑等。其配備過濾系統，能有效將冷卻液中的切屑濾出，避免切屑污染機床水箱。其排屑系統設計，能應用於多種類型的加工設備，皆可發揮優良的排屑效果，有效提高生產效率。為確保設備的順暢運行，鏈板上設置有刮板，幫助清潔排屑機底部的切屑，使鏈板能順暢運行，保持排屑機持續運作。

Your Best Choice For 您的最佳選擇

- Mixed shape chips 適用於各種類型切屑
- Mixed material 適用於各種材料
- Filtration to 140μ 過濾等級

Options 選購配備

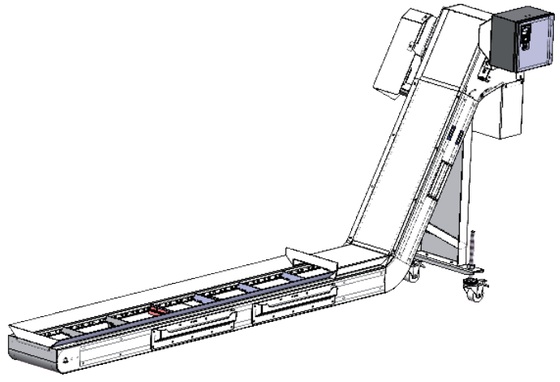
- Customized control 訂制化控制器

Benefits of Fedek Turbo HX 益處

- Compact dimension 小巧尺寸設計
- Discharge smaller footprint 合理的排屑口設計使佔地面積更小
- Few coolant carried out 有效降低冷卻液帶出量
- Self cleaning filtration 自清潔行過濾系統
- Fits to most standard machine coolant tanks 適配於多數工具機水箱
- Flexible design for various flow rates 可依冷卻液流量設計
- Handles any chip shape and any material 處理各式形狀、大小與材料的切屑
- Single drive for reduced energy consumption 單驅動器省電設計

FEDEK

FEDEK Turbo Scraper Conveyor



Your Best Choice For 您的最佳選擇

- Any Broken Ferrous Chips 任何破碎的鐵屑
- Cast Iron & Fine Ferrous Chips 鑄鐵及細小鐵屑
- Mixed Materials Fine Chips 各式加工材料之細小切屑

Options 選購配備

Variable Speed Control 變速控制器

The use of a variable speed drive enables the user to alter the speed of the conveyor belt depending on the specific application. This option is particularly useful for reducing coolant carry out with the conveyor or in applications where the chip load is variable.

讓您根據實際的需要來控制調整鏈板的運行速度，避免冷卻液被過多從設備中帶出或使用於須處理多樣化切屑的排屑應用。

Direct Motor Drive 直驅馬達

For some special case, like the space limitation, needs to use the direct drive motor to get more space.

在空間有限的情況下，可以使用直驅馬達獲得部分高度的空間。

Jam Signal 卡死反饋訊號

When jam happened, this part can give the jam signal back to machine tools (the machine tool needs to have the interface and the function).

當排屑機發生卡住現象時，給到車床的反饋信號。

LNS

BELT TYPES 鏈帶種類

Hinge/Scraper Belt Combined 鏈帶和刮板複合型



Specifications 規格

Material Type 材料種類	Chip Shape 切屑類型	Model 鏈帶種類	Coolant Filtration (μ) 冷卻液過濾 (μ)	Model 機型
Mixed material (brass/steel/cast iron/aluminum/plastic) 混和材料 (黃銅 / 鋼 / 鑄鐵 / 鋁 / 塑膠)	Mixed Shape 混合切屑	Hinge/Scraper Belt Combined 鏈帶和刮板複合型	No Filtration 無過濾系統	▸▸ Turbo HB
Mixed material (brass/steel/cast iron/aluminum/plastic) 混和材料 (黃銅 / 鋼 / 鑄鐵 / 鋁 / 塑膠)	Mixed Shape 混合切屑	Hinge/Scraper Belt Combined 鏈帶和刮板複合型	140μ - 500μ	▸▸ Turbo MH Series
			Up to 50μ	▸▸ Turbo SF Compact

LNS

Turbo HB



The Turbo HB is a standard conveyor used for chip removal where filtration is not necessary. The hinge belt can be used for all types of application and is the best choice for coarse and stringy chips.

Turbo HB 系列為適用於各類工具機中之無過濾系統的標準型鏈帶排屑機。其設計精巧，對於各種粗大或螺旋長狀切屑，有極佳的排屑效果。艾恩司 HB 系列排屑機經濟且實惠，是您在無需附帶過濾系統時的最佳選擇。

Your Best Choice For 您的最佳選擇

- Coarse and stringy chips 適用於粗大和螺旋狀切屑
- Mixed material and plastic 適用於各種金屬、塑膠材料
- No filtration 無過濾功能

Options 選購配備

- Variable speed control 變速控制器
  - Reduced coolant carried out 降低冷卻液帶出量
- Variety of belts 各式鏈帶種類

Efficient Chip Removal

LNS uses specially-formed cleats to prevent curled chips from adhering to the belt, reducing wear and improving chip removal. Conveyor top cover height can be varied for special applications. Scraper cleats on the belts clean the entire surface of the bottom pan a minimum of two times per revolution.

高效排屑

艾恩司排屑機使用專門之彎折工藝所製造的夾板防止捲曲狀細屑黏在鏈帶上，進而減少鏈帶磨損，並提高排屑效率。排屑機上蓋的高度亦可以依據各種特殊的應用場合作改變。而複合型鏈帶的刮板在每運轉一圈時，至少會進行兩次的刮屑動作，將框架底部的細屑排出。

LNS

Turbo MH Series



Benefits of Turbo MH Series 益處

- Self cleaning filtration to 140 or 500 Micron
  140μ 或 500μ 自清潔濾盒
- Very small footprint (same as a standard conveyor)
  機身小、佔地空間不大（同標準鏈帶型排屑機）
- Flexible design for various flow rates
  根據工具機冷卻液流量進行靈活的設計
- Handles any chip shape (long and small) 能處理各種切屑形式
- Attractive price 有吸引力的價格
- Fits to most standard machine coolant tanks
  能應用於大多數工具機的冷卻液水箱
- Robust construction 堅固耐用的結構

Your Best Choice For 您的最佳選擇

- Mixed shape chips 適用於各種類型切屑
- Mixed material 適用於各種材料
- Filtration to 140μ or 500μ
  140μ 或 500μ 濾盒可選

Thanks to this revolutionary concept from LNS: Filtration box is used in conjunction with a hinge / scraper belt conveyor. The type of conveyors are designed to remove all chips shapes made of different material incorporating self-cleaning filtration. The hinge belt removes the chips in the same way as a normal hinge belt conveyor but the use of filter box ensures that all chips greater than the filter box filtration level cannot pass into the coolant tank. The fine chips are contiunally carried out of the bottom of the conveyor by the scrapers mounted to the hinge belt. This revolutionary design ensures minimal floor space is utilized while still covering a wide range of applications and filtration needs.

創新性的創意概念，以過濾盒、鏈板及刮板結合使用的複合過濾型排屑機，有效結合自清潔過濾系統，在鏈帶排出各種類型切屑的同時，濾盒的應用能確保所有大於濾盒過濾範圍的切屑不會被沖入水箱裡，而鑲嵌在鏈板上的刮板亦不斷地將掉落在排屑機底部的微小切屑刮出。即便佔地空間不大，亦能發揮其最大效用，滿足各類應用的過濾需求。

Turbo SF Compact



The filter units have been integrated into the housing of the chip conveyor. With the SF Compact, which uses patented double-sided filter cleaning technology, LNS is able to provide filtration performance equal to or frequently even better than comparable chip conveyors that use frum filtration.

Modern machining processes produce a wide range of chip types in a huge variety of materials such as steel, titanium, brass, aluminium, etc. These chips appear in various chip shapes, ranging from long chips, through chip accumulations and floating chips to ultra-fine chips.

The LNS TURBO SF COMPACT disposes of a wide range of chip types in various materials with simultaneous coolant filtration, filtering particles as small as 50 microns.

SF Compact 排屑機在排屑機機體內集成了過濾單元。相較於使用滾筒式過濾方式排屑機，專利的雙面過濾自清潔技術在 SF Compact 上的應用， 使得艾恩司能提供相同甚至更高的過濾性能。

現代機械加工工藝可以加工多種材料（如：鋼、鈦、黃銅、鋁等），因而產生各種類型之切屑。這些切屑以各式各樣的形狀出現，範圍從長切屑至積屑，浮動式切屑至極細小之切屑等。

LNS TURBO SF Compact 可處理多種不同材料所產生的各種切屑，並同時進行小至 50 微米顆粒的冷卻液過濾。

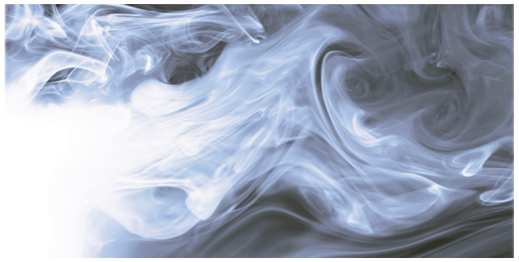
Your Best Choice For 您的最佳選擇

- Self-Cleaning Filtrationh 自動清潔過濾系統
- Down to 50 Microns 可過濾至50微米顆粒
- Mixed Materials 各式加工材料
- Mixed Shape Chips 各式形狀切屑

OIL MIST COLLECTORS
油霧收集器簡介

LNS oil mist collectors and electrostatic oil mist collector provide a perfect solution for the collection of soluble coolant and oil mist. Specially designed for the elimination of oil mist generated by wet machining perations. Both oil mist collector and electrostatic oil mist collector will not only improve your work efficiency, optimize productivity, but also create a safe, clean, and healthy workplace for your employees. At the same time make contributions to environmental protection.

艾恩司油霧收集器及靜電式油霧收集器為回收油霧提供了一個完美的解決方案，專為減少濕式加工過程中所產生油霧而設計之靜電式油霧收集器，不僅能提高工作效率、優化生產力，也為工作人員創造了一個整潔健全的工作環境，同時為環境保護盡一份心力。







Filtration Efficiency/Air Quality

The filtration efficiency of the OIL MIST COLLECTOR determines how clean the air is inside the workshop and how healthy is the environment for the operator. In addition, trained LNS technicians can provide onsite measurement of air quality to measure with high accuracy how clean the air is. The analysis is conducted using a sophisticated dedicated instrument.

過濾效率/空氣品質

油霧收集器的過濾效率決定了工作場所的空氣清潔程度和環境健康指數。此外，我們有經培訓認證的技術人員使用專業的精密檢測儀器，可以提供現場空氣檢測的服務。

FEDEK FOX HE 1000e/1500e

FEDEK FOX HE 1000e • 1500e

ELECTROSTATIC OIL MIST COLLECTOR

The Fedek FOX HE 1000e/1500e is an entry-level, compact electrostatic air filtration system. Targeted to small and medium cabins in oil applications, the HE 1000e features a maximum airflow of 1100 m3/h.

Other outstanding features contain a horizontal layout, a 2-stage mechanical prefiltration and an in-house designed high filtration efficiency electrostatics cell. The design has focused on the ergonomics such as the overall access to the components, and on the compatibility with existing accessories.



靜電式油霧收集器

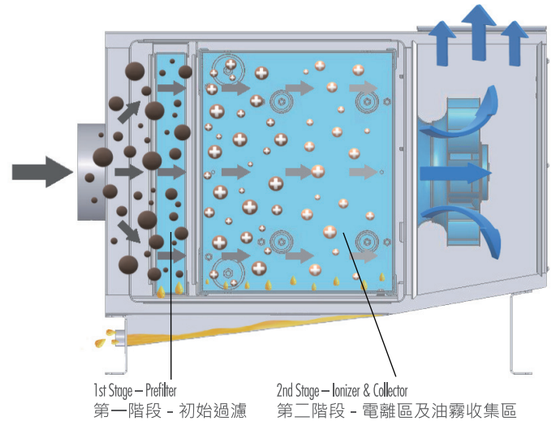
艾恩司Fedek FOX HE 1000e/1500e為入門款且設計精巧之靜電式油霧收集器，專為小型及中型排油箱之濕式加工設計，其中HE 1000e以最大空氣流量1100 m3/h為其特色。

其特色還包括外觀為水平式設置、兩階段機械式前置過濾，以及艾恩司特殊設計之高濾效高壓電子單元。HE 1000e之設計旨在專注於人體工學上，例如進入各個零件內部以及與其他現有設備之兼容性。

- With regular maintained metallic filters, the airflow rate is kept at the same level even under long-time running. The system will not be blocked and cause decrease of airflow.
即使經過長時間的運轉，空氣過濾流量仍不衰減，不會有濾芯堵住流量遞減問題。（初始金屬過濾及後置金屬過濾網需照維護周期清洗）

- Higher filtration efficiency makes less oil mist in the workplace. With LNS specially designed cell and refined product structure, the filtration can reach to above 99%.
更高的過濾效能可降低工作環境中的油霧。搭配艾恩司特殊設計高壓單元及經過改良的產品結構，過濾效能可高達99%以上。

- When the cover of the cell is opened, this will break the power automatically to ensure safety.
高壓極板外蓋開啟時，啟用自動斷電以確保安全。



Easy Maintenance 維護簡易

With easy access, it saves your time on regular maintenance.
方便維護操作，可有效節省維護時間。
- Single door design 單門式設計
  - Cell and filter maintenance 電場與濾網清潔維護
  - Electrical components maintenance 電器件維護
- Equipped with safety switch 配有安全開啟裝置

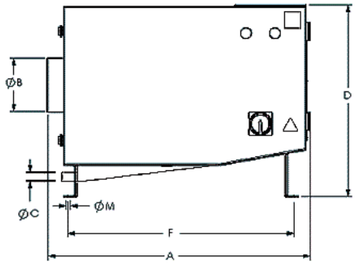
Technical Specifications 技術規格

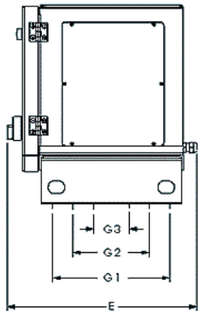
		HE 1000e	HE 1500e	
Frequency 電頻率	[Hz]	50/60	50/60	50*
Air Flow 空氣流量	[m³/h]	1100	1500	1500
Static Pressure 靜壓	[Pa]	500	550	510
Sound Level 噪音等級	[dB(A)]	62.5	68	68.3
Weight 重量	[Kg]	49	64	64
Weight of Cell 高壓極板重量	[Kg]	7.5	13	13
Max. Current 最大電流	[A]	0.88	2	2.3

*50Hz for China market use only
*50Hz僅供中國大陸市場使用。

Dimensions 尺寸 (mm)

	Base Unit					For Installation				
Model 型號	A	ØB	ØC	D	E	F	G1	G2	G3	ØM
FOX HE 1000e	724	150	25.2	530	500	622	310	202	94	9
FOX HE 1500e	904	200	25.2	620	590	736	364	256	148	9





FOX WS 2 Series

FOX WS 2 Series: 500 • 1000 • 1500 • 2000

The Fox WS 2 Series represents a quality solution for the collection of soluble coolant and oil mist. It is characterized by a sophisticated design, compact dimensions, standard and customizable accessories, and 4 sizes ranging from 500 to 2000 m3/hr.

Specifically developed for the elimination of mist and smoke of wet machining operations. These mechanical filters can also be employed in mixed application (wet/dry) and for EDM machines.

Fox WS 2 系列產品提供了回收水溶性冷卻液和油霧收集的解決方案。其特色包含了精密的設計、簡潔的材積、標準及客制化的零配件，以及500 到 2000 m3/hr 四種不同排風量產品。

專為減少濕式加工過程所產生的油霧、蒸氣而發展出的機械式篩檢程式，甚至可應用於乾/濕混合及放電加工機的使用場合。



Advantages 優點

- Higher filtration efficiency - above 99% * 3 integrated filtration stages.
  高效過濾，超過 99% 的過濾效率*- 集成式三級過濾
- Lower electrical consumption - up to 50% less than most competitors. IE2 efficiency motors
  低電能消耗 - 馬達符合 IE2 標準，與其他產品相比可省多達 50% 電能
- Higher reliability - 24 months warranty
  高品質、高可靠性 - 兩年保固
- Wider range - 4 models 500 to 2000 m3/h for all kinds of machine tools
  風量從每小時 500 m3 到 2000 m3，四種機可供選擇，適合各種工具機設備

FOX WS 2 Series 系列產品





Absolute Filtration 絕對過濾

To solve specific problems (fumes), an additional filter module can be installed. Absolute with HEPA filtering levels up to H 13 - 99.95 MPPS according to EN 1822. Besides, the clogging can be monitored with an optional pressure gauge.

如需解決特殊問題（如煙霧）可另外加裝模組，根據歐規 EN1822 標準測試，高效濾網 HEPA 過濾層級可達 99.95% MPPS（相當於 H13）。另外，堵塞狀況可經由選配的壓力計監測。

Additional Controls & Monitoring Systems
額外控制和監視系統

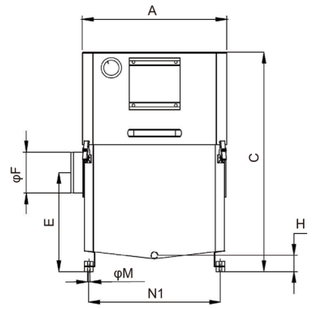
Pre-Prefilter
金屬前置過濾盒

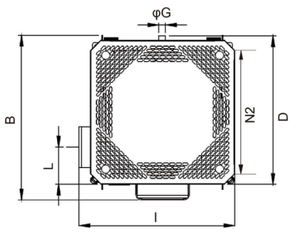
Vertical Stands, Stand on Wheels
附輪直立式支架

Technical Specifications 技術規格

		WS 2 500		WS 2 1000		WS 2 1500		WS 2 2000	
Frequency 電頻率	[Hz]	50	60	50	60	50	60	50	60
Air Flow 空氣流量	[m³/h]	470	560	950	1130	1450	1720	1800	2120
Static Pressure 靜壓	[Pa]	610	890	950	1420	1260	1800	1720	2300
Sound Level 噪音等級	[dB(A)]	65	67	71	73	74	76	76	78
P. R. M. 轉速	[Kw]	0.37	0.44	0.75	0.9	1.5	1.8	2.2	2.64
Weight 重量	[Kg]	42		62		96		110	

** WS 500-1000-1500-2000: With HEPA filter installed about 15%
加裝 HEPA 濾器，排風量減少約15%。
* Information is subject to change without notice. 本公司保留變更權利不另行通知。
- For the best efficiency, suggest that the filter type should be changed in accordance with the application.
  濾心規格依應用可能須進行調整以達最佳效率。
- Electrical motors (V/Hz) 馬達規格（電壓/ 頻率） 200-220-230-380-400-460V/50-60Hz





Dimensions 尺寸 (mm)

Model 型號	A	B	C	D	E	ØF	ØG	H	I	L	N1 x N2 x ØM
FOX WS 2 500	408	515	652	460	276	124	25	67	450	120	363 x 395 x 9
FOX WS 2 1000	525	600	801	543	362	149	25	60	567	135	478 x 478 x 9
FOX WS 2 1500	600	673	908	617	396	198	25	59	640	176	552 x 552 x 9
FOX WS 2 2000	663	737	994	680	437	198	25	59	703	181	615 x 615 x 9

COOLANT MANAGEMENT SYSTEMS & HIGH PRESSURE COOLANT SYSTEMS
冷卻液管理系統 & 高壓冷卻液系統

The use of high-pressure coolant systems can drastically increase the performance of a machine tool through a number of factors.

Heat is one the major causes of tool failure. Normal flood coolant in almost all cases does not even reach the cutting edge. The temperature at the tool is often over 500°C. HPC keeps the temperature lower at the cutting edge and improves the cutting action of the tool.

High Pressure Coolant also helps to break chips by keeping the material brittle through temperature control. In addition to this, high pressure helps evacuate the chips and stops them from falling back into the cut helping to prevent broken inserts caused by re-cutting chips.

Lubricity also plays an important role in metal cutting. HPC systems deliver the coolant between the cutting tool and the workpiece, dramatically improving the lubrication, tool life, and, in many cases, the surface speeds and feeds, improving productivity as well as lowering tooling cost.

The development teams at LNS use the latest CAD tools and specially chosen accessories, to ensure each coolant system works with your machine tool and your application.

Our engineers are able to integrate a wide range of accessories such as pumps for high pressure coolant, frequency converters, coolant suction pumps, or fine filtration systems.

Our technical support team works closely with our customers to evaluate their exact requirements and create detailed specifications for the production of the finished product.





使用高壓冷卻液系統可以顯著的透過許多因素提升工具機的性能表現。

熱能是造成刀具故障的主要原因之一，在大部分的情況下，正常流量的冷卻液甚至很難達到切端。通常，刀具在加工時的溫度會高於500°C，而高壓冷卻液可以降低切端溫度，並保持此狀態，進而改善刀具的切削動作。

高壓冷卻液也有助於透過溫度控制使材料保持易碎，以便破壞切屑。除此之外，高壓也有助於排出切屑，並防止切屑落回到切削加工處，以避免因重複切屑而造成刀具損傷。

潤滑度在金屬切削中同樣扮演一個重要角色！高壓冷卻液系統可以在切削刀具及工件之間提供冷卻液，大大的改善了潤滑度、刀具壽命，以及在許多案例中的表面速度及材料給進，改善生產力的同時也降低刀具成本。

艾恩司的研發團隊使用最新的CAD工具和特選附件，以確保每個冷卻液系統都能與您的工具機及應用配合。

我們的工程師能夠廣泛地將附件做結合，例如：高壓冷卻液所使用的泵浦、變頻器、冷卻液抽水機或細小切屑過濾系統。

艾恩司的技術服務團隊將與客戶密切合作，以評估客戶的實際需求，並為其產品建立詳細的技術規格。

LNS CHIPBLASTER

In September 2018, the LNS Group, leader in machine-tool peripherals, has acquired CHIPBLASTER, founded 1994 in Meadville, Pennsylvania – USA. This acquisition is a natural fit to the LNS Group product portfolio as CHIPBLASTER designs, produces and distributes not only high-pressure/ high-volume coolant systems, but also a wide range of options including coolant chiller, cyclone filtration systems and more. Today, LNS CHIPBLASTER is the number one in the United States with over 35,000 machines sold worldwide.

2018年9月艾恩司集團-工具機周邊設備之領導者，併購1994年成立於美國賓夕法尼亞州米德維爾的 CHIPBLASTER 公司。艾恩司集團的產品範疇與 CHIPBLASTER 的設計完美搭配，不僅能生產與銷售高壓/高流量冷卻液系統，且提供廣泛選配產品，包括冷卻機、旋流式過濾系統等。LNS CHIPBLASTER 在全球已銷售超過46,000台設備，為全美第一。



LNS CHIPBLASTER is YOUR tailored solution when it comes to coolant management systems, because we provide superior advantages like:
- Automatic variable volume
- Simple plug and play interface with the machine tool
- Additional coolant reservoir for better temperature control
- Special high-pressure pumps to match your specific pressure and coolant flow needs

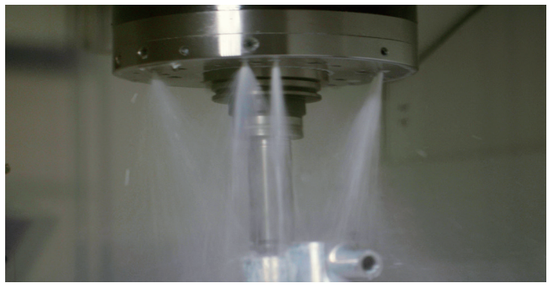
LNS CHIPBLASTER是您冷卻液管理系統的專屬設計師，我們為您帶來更多優勢，如：
- 自動變頻（流量可變）
- 一插即用機床介面
- 額外的冷卻液水箱帶來更優秀的溫度控制
- 特殊的高壓幫浦滿足您特殊壓力與冷卻液流量需求

PRECISE COOLANT DELIVERY
精準冷卻液輸送

LNS CHIPBLASTER, as THE technical expert can help you increase machine-tool efficiency, reduce energy cost as well as extend the lifetime of your cutting tools and coolant. When is comes to drilling, turning and milling applications, a consortium of customers, who became LNS CHIPBLASTER partners, can attest that you can reach:
LNS CHIPBLASTER 身為技術專家，能夠幫助您增加工具機效率，減少能源耗損，同時延長切削工具與冷卻液的使用壽命。在鑽孔、車削與銑削應用方面，成為 LNS CHIPBLASTER 夥伴保證能夠達到：

- Longer tool life 延長刀具使用壽命
- Longer coolant life 延長冷卻液使用壽命
- Superior chip control 優秀的切屑控制
- More part throughput 更高工件生產量
- Faster cutting speeds and feeds 更快速的切削與進給速度





Fedek ChipBLASTER BE

BE-Series variable rate, coolant management systems automatically delivers precise coolant pressure and flow to enhance CNC machine performance and extend cutting tool life for virtually any application.
BE-Series 冷卻液管理系統能自動傳遞精準的冷卻液壓力及流量，在大部分的應用中有效強化工具機的性能表現，並延長刀具壽命。



BE-SERIES	
Application 應用	Oil-Based 油性
Pressure 壓力	40 Bar
Standard Coolant Tank Capacity 標準水箱容量	N/A
Flow Rate 流速	Fixed 固定
Coolant Outlets 冷卻液出口	4
Power Voltage 電壓	220V or 415V
Pump Type 泵浦種類	Vane
Filtration 過濾	Dual Cartridge 雙濾筒

COMPATIBLE & COMPACT DESIGN
相容性高且設計小巧

- Fitted underneath the bar feeders 可置於送料機下方
- Added filter frame for easy maintenance and optimized to reduce cost, floor space, and installation time 加裝濾心架便於清潔維護，減少空間使用，降低成本，也節省安裝時間。
- Built-in casters make it easy to move the unit from one machine to another. 內嵌式腳輪使其易於在不同加工設備中移動。

Fedek ChipBLASTER SE

LNS CHIPBLASTER SE-Series: 70 • 140

A low-cost solution for many applications, the SE-Series module measures 620 x 1307 mm, thus taking up no more than 0.81 m^2 of floorspace. Handy built-in casters make it easy to move the unit from one machine to another.
SE-Series是適用於眾多應用的基本型設備，佔地面積為620 x 1307 mm，僅占約0.81平方公尺。便利的內嵌式腳輪使其易於在不同加工設備中移動。



SE-SERIES			
Pressure 壓力	70 Bar	140 Bar	
Volume 流量	30 L/Min.	20 L/Min.	30 L/Min.
Standard Coolant Tank Capacity 標準水箱容量	200 Liter		
Flow Rate 流速	Fixed 固定		
Coolant Outlets 冷卻液出口	4		
Power Voltage 電壓	220V or 415V		
Pump Type 泵浦種類	Piston or Gear		
Filtration 過濾	Dual Cartridge 雙濾筒		
OPTIONS 選配			
8 Coolant Outlets 8個冷卻液出水口			

LNS CHIPBLASTER B-Series

LNS CHIPBLASTER B-Series: B-30/70

The B-Series is a single M code controlled, fixed rate units with a flow of 30 liters per minute. The B-30/70 allows for 70 bar pressure.

B-Series是由單一M-code控制、固定流量之高壓冷卻液管理系統，並擁有每分鐘30公升的流量。B-30/70可提供至70 bar之壓力。



B-30/70	
Volumes 流量	30 Liters Per Minute (8 GPM)
Pressure 壓力	70 Bar (1000 PSI)
Standard Coolant Tank Capacity 標準水箱容量	N/A
Flow Rate 流速	Fixed 固定
Coolant Outlets 冷卻液出口	1
Power Voltage 電壓	230V or 460V
Pump Type 泵浦種類	Piston
Filtration 過濾	Dual Cartridge 雙濾筒

LNS CHIPBLASTER S-Series

LNS CHIPBLASTER S-Series: SV-70 • SV-140

Chipblaster S-Series are compact high-pressure coolant systems with a form factor specifically designed to be placed next to the bar feeder, save valuable floor space and providing the convenience of easy mobility during installation and maintenance. It requires only coolant connections and a functional interface from the machine tool to operate.

Chipblaster S-Series 小巧尺寸的外形是專為放置在送料機旁、節省佔地空間以及在安裝和維護過程中提供高移動性而設計。Chipblaster S-Series 只需接上冷卻液管線，並透過工具機的功能介面操作即可。



	SV-70	SV-140
Volumes 流量	Up to 40 Liters Per Minute	Up to 22 Liters Per Minute
Pressure 壓力	Up to 70 Bar	Up to 140 Bar
Standard Coolant Tank Capacity 標準水箱容量	160 Liters	160 Liters
Coolant Outlets 冷卻液出口	4	4 or 8
Power Voltage 電壓	200V or 400V	200V or 400V
Pump Type 泵浦種類	Piston	Piston
Filtration 過濾	Dual Cartridge 雙濾筒	Dual Cartridge 雙濾筒