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Revolution Autoloader

Ultra-Precision Perimetric Grinder



REVOLUTION Autoloader Ultra-Precision Perimetric Grinder

- Universal profile grinding
- Easy to use Pick-N-Place programming
- Easy-Teach automation robot system
- Tool dimensions: 3 to 25 mm
- Max. length: up to 152 mm
- Capacity loader: up to 1000 pieces
- Parts and robot separately of the grinding area
- Synthetic granite base
- Available with process-control for diameter and length
- Both end grinding possible with optional staging system

REVOLUTION Autolader Ultrapräzisions- Umfangsschleifmaschine

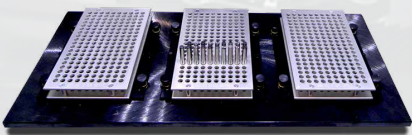
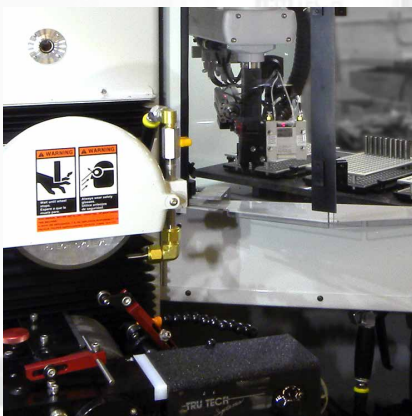
- Universal-Rundschleifen
- Bedienerfreundliches Pick-N-Place Programmieren
- Robotersystem mit EasyTouch-Automation
- Abmessungen Werkstücke: 3 bis 25 mm
- Maximale Länge: 152 mm
- Maximalbestückung: 1000 Stück
- Werkzeuge und Roboter außerhalb des Schleifbereichs
- Maschinebasis aus Synthetikgranit
- Optional mit Prozeßsteuerung für Durchmesser- und Längenschleifen
- Bearbeitung beider Werkstückenden möglich mit optionalem staging System

REVOLUTION Autochargeur Rectifieuse périmétrique d'ultra-précision

- Rectification universelle des profils
- Programmation aisée par Pick-N-Place
- Système de robot automatisé en EasyTouch
- Dimensions des outils: comprises entre 3 et 25 mm
- Longueur maximale: 152 mm
- Débit maximal: 1000 pièces
- Chargement et robot séparés de l'aire de rectification
- Base en granite synthétique
- Disponible avec commande du processus de rectification des diamètres et des longueurs
- Rectification oscillante par un système d'échelonnement optionnel

REVOLUTION Autoloader Rettificatrice di profili ultra-precisa

- Rettifica universale di profili
- Programmazione Pick-N-Place facile da usare
- Sistema robot automatizzato Easy-Teach
- Dimensioni utensili: da 3 a 25 mm
- Lunghezza max.: fino a 152 mm
- Capacità di carico: fino a 1.000 pezzi
- Utensili e robot separati dall'area di rettifica
- Base in granito sintetico
- Disponibilità di comando per controllare diametri e lunghezze
- Possibilità di rettificare entrambe le estremità con sistema di scaglionamento opzionale



3-Pallet system
Capacity up to 1000 pieces
Diameter 3-25 mm
Length up to 152 mm

3-Palettensystem
Maximalbestückung 1000 Stück
Abmessungen Werkstücke 3-25 mm
Maximale Länge 152 mm

Système à 3 palettes
Débit maximal 1000 pièces
Dimensions des outils comprises
entre 3-25 mm
Longueur maximale 152 mm

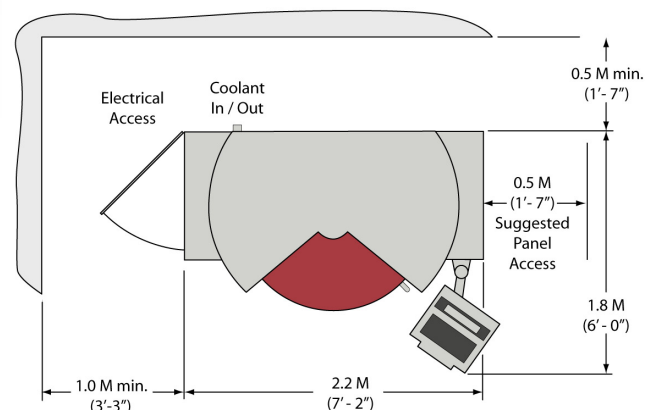
Sistema a 3 pallet
Capienza fino a 1.000 pezzi
Diametro 3-25 mm
Lunghezza fino a 152 mm

Revolution Autoloader

Specifications

5" Precision Grinding unit	TT5000		
Maximum Grind Length (application specific)	170 mm		
Minimum / Maximum Grind Diameter	Tool-related / 75 mm		
Maximum Travel	X-Axis 400 mm	Z-Axis 215 mm	Y-Axis 185 mm
Wheel Diameter	200 mm Max.		
Standard Spindle HP	3 HP		
Spindle RPM (Programmable through software)	5000 RPM Max.		
Maximum Velocity	Y-Axis 1200 mm/min.	Z-Axis 1200 mm/min.	
Coolant Flow Capacity	55 L/min.		
Input Increment	0.0001 mm		
Accuracy	± 0.0025 mm		
Repeatability	± 0.0013 mm		
Power Requirements (Customized, factory configured)	400V 6Kva		
Weight	2750 kg		
Shipping Size	275 x 184 x 246 cm		

Floor Layout



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