### Pinsetter Units

**BUFFALO-008-39000 Buffalo Laser Pinsetter 110V**

**US$ 769.86**

**Features:**
- High Performance, Heavy Duty Laser Pinsetter From A Proven Leader in Laboratory Products and Supplies Made in USA!
- The Buffalo Dental Laser Pinsetter provides the ideal method for drilling dowel pin holes in dental models. Precise drilling location is displayed by a state-of-the-art laser beam positioned above the worktable and in perfect alignment with the drill bit.

**Specifications:**
- Upright or Sit-Down Use- Ergonomic design allows operation in convenient standing or seated position
- Automatic High Speed Drilling- Easy to use and allows for productive, high volume pin drilling w/ 1/8" ID Chuck
- Laser Light Beam Alignment- Indicates exact location of drill bit and assures precision
- Heavy Duty Construction- Protects drill motor and helps provide a long working life
- Ergonomic design for both standing and sitting operators
- Counter sunk -P- type drill includes
- All Metal construction -Sealed Housing 120vol (Adj. Depth Drilling- Auto Start- 1/8 Id Chuck) (Idem Pindex kit)
- PindexMaquina
- Shipping weight = 13x13x20 9Lbs

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**LASER PINSETTER - ECCO**

**Feature**
- Laser pinsetter unit like Top Spin or Giroform
- Idem Pindex kit and similar Renfert Top Spin Pindex

**Technical Specifications:**
- Laser Light beam indicator for accurate pin location
- High Speed motor
- Adj. Depth Drilling
- Uses the regular standard Pindex drills
- Counter sunk P" type drill - Standard Pindex drill bur - 1/8 Id Chuck
- All Metal construction
- Sealed Housing
AMANN GIRRBACH - 114584 Giroform Pin Drill 110v

**Name:** AMANN GIRRBACH - Giroform Pin Drill Pinsetter Units

**Features:**
The pin drill allows precise, fast and safe determination of the desired drill position. Drilling starts at the press of a button. The plate holder is fastened magnetically, securing the drill position.

In order to guarantee pin friction, identical, smoothfaced and regular holes are drilled into the giroform base plate. The precise drill guide also enables uniform drilling depth. These specific characteristics of the Giroform pin drill guarantee precise, fast and cost-effective model manufacture.

The tungsten carbide bur, provided with the Giroform from Amann Girrbach drills cleanly through a model without causing any expansion of the base. Using a magnetic plate holder to securely and safely position any model into the exact position allowing the system to consistently provides uniform precision time after time.

**Pin Drill Unit includes:**
- Tungsten carbidge burr 176710
- plate support - L
- 176712- impression carrier 176733
- Tubular socket wrench 176702
- holding pin 176703
- screw driver for adjustment 176004

**Technical Data:**
- Dimensions D/H: 250 x 183 x 370 mm
- Weight: 9.6 kg
- Mains supply: 230 (100/115) V/0.32 W
- Motor speed: 2,800 min⁻¹
- Laser class: 3A < 5mW

**Price:** US$ 2,938.95

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**PINDEX SYSTEM DRILLING UNITS - WHALEDENT**

- Bright laser is clearly visible.
- Precise drill hole position for greater stability.
- The PINDEX system is design to assist in fabricating accurate models and dies for use in the fabrication of dental restorations.
- Net Weight - 8.5 lbs - 3.7 Kg
- PX113L - 115V
- PXM113L - 230V

**Code** | **Name** | **Price**
--- | --- | ---
106824 | WHALEDENT - Whaledent Pindex Laser System Drilling Units - 220v (#P113LCE) ( pinsetter ) ... | US$ 1,217.36
106823 | WHALEDENT - WHALEDENT-Pindex Laser System Drilling Units - 110v (#PX113L) ( pinsetter ) ... | US$ 955.50

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**Packing Diamond D® Denture Acrylic with Tecnoflask**

Keystone Industries: Laboratory

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**HATHO POLISHING KIT**

Thermoplastics like never before
TOP SPIN DRILLING MACHINES - RENFERT

RENFERT - TOP SPIN DRILLING MACHINES

Experience precision

Function & Performance
The Top spin provides the advantages of precision, reliability and durability. We have been successful in greatly increasing the previous level of quality. You will be fascinated by the unique concentricity, special drill technology and unparalleled dust protection.

Advantages
* Unique shaft bearing technology ensures a drilling accuracy of ±0.01mm.
* Powerful motor without losing performance during drilling 8,000 rpm.
* Unique drill technology enables extremely easy drilling without resistance.

#UsddRenfert

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>023-1835-0000</td>
<td>RENFERT - RENFERT - Top-Spin Drilling Machine 220 Volts Each- # 1835-0000 # 18350000 ( pin...</td>
<td>US$ 1,259.70</td>
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<tr>
<td>023-1835-4000</td>
<td>RENFERT - RENFERT - Top-Spin Drilling Machine 110 Volts Each- # 1835-4000 # 18354000 ( pin...</td>
<td>US$ 1,092.26</td>
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<tr>
<td>1840-1000</td>
<td>RENFERT - RENFERT - NEW Top-Spin Drilling Machine 110 Volts Each- # 1840-1000 # 18401000 ...</td>
<td>US$ 872.64</td>
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</table>

Pinsetters - Pindex
Pinsetters Accesories

AMANN GIRRBACH-114568 3

AMANN GIRRBACH - Giroform Adapter Vertex
Pinsetter Accessories
# 114568 - Mfg # 576790

Features:
* Adapter Vertex
* 100pk
* Original Product - Made in Germany

A quick and useful Adapter for Base Plates.

US$ 26.80

AMANN GIRRBACH- 114386 Arbor Band Grain 120 50pk

AMANN GIRRBACH - Arbor Band Grain 120
Pinsetter Accessories
# 114386 - Mfg # 815330

Features:
* Arbor Band Grain 120
* 50pk
* Original Product - Made in Germany

US$ 46.20
AMANN GIRRBACH-114385 Arbor Band Mandrel 2.35mm  
AMANN GIRRBACH - Arbor Band Mandrel 2.35mm  
Pinsetter Accessories  
# 114385 - Mfg # 615300  

Features:  
* Arbor Band Mandrel 2.35mm  
* Original Product - Made in Germany  

US$ 22.05

AMANN GIRRBACH-114569 Giroform Adj Plate Clear L 2pk  
AMANN GIRRBACH - Giroform Adjustment Plate  
Pinsetter Accessories  
# 114569 - Mfg # 576765  

Features:  
* Adjustment Plate Clear Large  
* 2pk  
* Original Product - Made in Germany  

US$ 19.80

AMANN GIRRBACH-114570 Giroform Adj Plate XLar 2pk  
AMANN GIRRBACH - Giroform Adjustment Plate  
Pinsetter Accessories  
# 114570 - Mfg # 576766  

Features:  
* Adjustment Plate Extra Large  
* 2pk  
* (Original Product- Made in Germany)  

US$ 30.45

AMANN GIRRBACH-114572 Giroform Attachment Plate L Ea  
AMANN GIRRBACH - Giroform Attachment Plate  
Pinsetters Accessories  
# 114572 - Mfg # 176712  

Features:  
* Attachment Plate Large (each)  
* (Original Product- Made in Germany)  

US$ 255.72

AMANN GIRRBACH-114571 Giroform Attachment Plate XL  
AMANN GIRRBACH - Giroform Attachment Plate  
Pinsetters Accessories  
# 114571 - Mfg # 176722  

Features:  
* Attachment Plate Extra Large (each)  
* (Original Product- Made in Germany)  

US$ 241.50

AMANN GIRRBACH-114387 Giroform Base Plate 100pk  
AMANN GIRRBACH - Giroform Base Plate Premium  
Pinsetter Accessories  
# 114387 - Mfg # 576710  

Features:  
* Base Plate Premium  
* 100pk  
* Original Product - Made in Germany  

US$ 132.30
## AMANN GIRRBACH- 114573 Giroform Classic Plates 100pk
- **AMANN GIRRBACH- Giroform Classic Plates**  
- **Pinsetters Accessories**  
- **# 114573 - Mfg # 576720**  
- **Features:**  
  - Classic Plates  
  - 100pk  
  - (Original Product - Made in Germany)

### Price: US$ 101.85

## AMANN GIRRBACH- 114562 Giroform Impression Carrier
- **AMANN GIRRBACH - Giroform Impression Carrier**  
- **Pinsetter Accessories**  
- **# 114562 - Mfg # 176733**  
- **Features:**  
  - Impression Carrier  
  - Original Product - Made in Germany

### Price: US$ 49.55

## AMANN GIRRBACH- 114583 Giroform Magnets 100pk
- **AMANN GIRRBACH- Giroform Magnets**  
- **Pinsetters Accessories**  
- **# 114583 - Mfg # 512511**  
- **Features:**  
  - Giroform Magnets  
  - 100pk  
  - (Original Product - Made in Germany)

### Price: US$ 57.06

## AMANN GIRRBACH- 114384 Giroform Pin Drill
- **AMANN GIRRBACH - Giroform Pin Drill**  
- **Pinsetter Accessories**  
- **# 114384 - Mfg # 176710**  
- **Features:**  
  - Giroform Pin Drill  
  - Original Product - Made in Germany

### Price: US$ 51.05

## AMANN GIRRBACH- 114586 Giroform Pins 10-000pk
- **AMANN GIRRBACH- Giroform Pins**  
- **Pinsetters Accessories**  
- **# 114586 - Mfg # 576451**  
- **Features:**  
  - Giroform Pins  
  - 10000pk  
  - (Original Product - Made in Germany)

### Price: US$ 352.85

## AMANN GIRRBACH- 114383 Giroform Pins 1000pk
- **AMANN GIRRBACH - Giroform Pins 1000pk**  
- **Pinsetter Accessories**  
- **# 114383 - Mfg # 576450**  
- **Features:**  
  - Giroform 1000pk Pins  
  - Original Product - Made in Germany

### Price: US$ 42.04
<table>
<thead>
<tr>
<th>Product Name</th>
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<tbody>
<tr>
<td>AMANN GIRRBACH- 114587 Giroform Putty 1kg</td>
<td>US$ 64.56</td>
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<tr>
<td>Features:</td>
<td></td>
</tr>
<tr>
<td>* Giroform Putty 1kg</td>
<td></td>
</tr>
<tr>
<td>* Permanently applicable soft silicone putty for placing and blocking out</td>
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<tr>
<td>the cast on the impression tray.</td>
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<tr>
<td>* Saves time with rapid blocking-out.</td>
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<tr>
<td>* Saves plaster and therefore increases the cost-effectiveness.</td>
<td></td>
</tr>
<tr>
<td>* No subsequent trimming or grinding required.</td>
<td></td>
</tr>
<tr>
<td>* Reusable</td>
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<tr>
<td>AMANN GIRRBACH- 114588 Giroform Putty 5kg</td>
<td>US$ 240.24</td>
</tr>
<tr>
<td>Features:</td>
<td></td>
</tr>
<tr>
<td>* Giroform Putty 5kg</td>
<td></td>
</tr>
<tr>
<td>* Permanently applicable soft silicone putty for placing and blocking out</td>
<td></td>
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<tr>
<td>the cast on the impression tray.</td>
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<tr>
<td>* No subsequent trimming or grinding required.</td>
<td></td>
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<tr>
<td>* Reusable</td>
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<tr>
<td>AMANN GIRRBACH- 114589 Giroform Quadrant Attach Ring</td>
<td>US$ 211.71</td>
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<tr>
<td>Features:</td>
<td></td>
</tr>
<tr>
<td>* Giroform Quadrant Attach Ring</td>
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<tr>
<td>* Original Product - Made in Germany</td>
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<tr>
<td>AMANN GIRRBACH- 114389 Giroform Quadrant Plate 100pk</td>
<td>US$ 69.07</td>
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<tr>
<td>Features:</td>
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<tr>
<td>* Quadrant Plate</td>
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<tr>
<td>* 100pk</td>
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<tr>
<td>* Original Product - Made in Germany</td>
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<tr>
<td>AMANN GIRRBACH- 114591 Giroform Refractory Pins 25pk</td>
<td>US$ 108.41</td>
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<tr>
<td>Features:</td>
<td></td>
</tr>
<tr>
<td>* Giroform Refractory Pins</td>
<td></td>
</tr>
<tr>
<td>* 25pk</td>
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<tr>
<td>* Original Product made in Germany</td>
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</table>
AMANN GIRRBACH- 114593 Giroform Retention Discs 100pk
AMANN GIRRBACH- Giroform Retention Discs
Pinsetters Accessories
# 114593 - Mfg # 576716

Features:
* Giroform Retention Discs
* 100pk
* Original Product made in Germany

AMANN GIRRBACH- 114388 Giroform Sec Plate Magn 50pk
AMANN GIRRBACH - Giroform Secondary Plate Magnet
Pinsetter Accessories
# 114388 - Mfg # 576750

Features:
* Secondary Plate Magnet
* 50pk
* Original Product - Made in Germany

AMANN GIRRBACH- 114585 Giroform Sockets 100pk
AMANN GIRRBACH- Giroform Sockets
Pinsetters Accessories
# 114585 - Mfg # 512512

Features:
* Giroform Sockets
* 100pk
* (Original Product- Made in Germany)

AMANN GIRRBACH- 114590 Giroform Starter Kit
AMANN GIRRBACH- Giroform Starter Kit
Pinsetters Accessories
# 114590 - Mfg # 576702

Kit Includes:
* Tungsten carbide burr
* Impression Carrier 2x
* NT-Cutter
* Hammer with Aluminium handle
* Giroform-Pins 1000pk
* Giroform putty 1 kg
* Giroform base plate Premium + 100 pk
* Giroform secondary plate 5x
* Adjustment plate clear
* Giroform sleeve kombi
* Giroform space retainer foil 50 pk
* Arbor band mandrel 2.35 mm
* Arbor band grain 120 50 pk
* Timer
* Original Product made in Germany

US$ 34.53
US$ 253.75
US$ 85.59
US$ 554.05
**LASER PINSETTER J24 - ECCO**

High Performance, Heavy Duty Laser Pinsetter from a proven leader in laboratory products and supplies.

J24 provides the ideal method for drilling dowel pin holes in dental models. Precise drilling location is displayed by a state-of-the-art laser beam positioned above the worktable and in perfect alignment with the drill bit.

J24 uses the traditional drill for Pinsetters.

### KIT

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
<th>Price</th>
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### J24 UNIT

### DOWEL PINS

<table>
<thead>
<tr>
<th>Code</th>
<th>Name</th>
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<tbody>
<tr>
<td>K51-3</td>
<td>ECCO - ECCO - J24 Brass Dowel pin short 1000pk for Pinsetter J-24</td>
<td>US$ 46.20</td>
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### MAGNETIC BASE

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<th>Code</th>
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<tbody>
<tr>
<td>J24-3</td>
<td>ECCO - ECCO - J24 Magnetic Base Small for Pinsetter Each</td>
<td>US$ 4.73</td>
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<tr>
<td>LJ24-3</td>
<td>ECCO - ECCO - J24 Magnetic Base Large for Pinsetter Each</td>
<td>US$ 5.67</td>
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### METAL PLATE

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>J24-4</td>
<td>ECCO - ECCO - J24 Metal Plate for Pinsetter 10 pk</td>
<td>US$ 6.72</td>
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</tbody>
</table>

### PLATES

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>J24-2</td>
<td>ECCO - ECCO - J24 Plate Small for Pinsetter ( Priced by unit &amp; sold by 50pk )</td>
<td>US$ 1.05</td>
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<tr>
<td>LJ24-2</td>
<td>ECCO - ECCO - J24 Plate Large for Pinsetter ( Priced by unit &amp; sold by 50pk )</td>
<td>US$ 1.42</td>
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