



COMPLETE METALWORKING SOLUTIONS
 (800) 991-4225 www.ahbinc.com
 ISO Certified customerservice@ahbinc.com

HAIMER®
 Quality Wins.

2023 YEAR END PROMOTION

PRECISION ENGINEERING MEETS DIGITIZATION



PROMOTION VALID FROM 11/6/23 – 12/31/23 IN USA AND CANADA
 (ALL PRICING IN US DOLLAR)



100%
MADE IN GERMANY
 MADE BY HAIMER

POWER CLAMP ECONOMIC PLUS NG

The Power Clamp Economic Plus NG is a high performance shrink fit machine with integrated cooling for all tools (solid carbide and HSS).

The machines of the Profi Line work with both the standard coils and the intelligent, comfortable NG coils. Of course, the equipment recognizes each coil and chooses the correct shrink fit parameters automatically.

Equipment

- With intelligent NG coil
- Single chuck version
- With integrated contact cooling
- With 1 base holder
- With 1 chuck support
- Incl. Cooling Manager

Technical details

- | | | | |
|-----------------|----------------------------|--|------------------------------------|
| ■ Mains voltage | 3 × 400–480 V, 16 A, 13 kW | ■ Maximum length of shrink fit chuck (shrinking) | 22" (570 mm) |
| ■ Tools | Solid carbide and HSS | ■ Dimensions W × D × H | 33 × 24 × 39" (840 × 600 × 990 mm) |
| ■ Tool diameter | 1/8–1 1/4" (3–32 mm) | ■ Weight | 243 lbs (110 kg) |



3 short Standard Shrink Fit Chucks in CAT40/BT40/HSK-A63 (Ø 1/4–3/4" (6–20 mm)) for free!



CAT40, BT40 or HSK-A63

Special offer

\$ 19,995

Order No. PC102-I21-C10-US

Plus shipping and installation

POWER CLAMP PREMIUM i4.0

Ergonomic high-end shrink station in new, premium quality industry design with integrated contact cooling for all cutting tools (solid carbide and HSS) and for perfect handling and simultaneous cool-down at max. five cooling stations.

Equipment

- With 7"-Touch-Display and new intuitive software
- Industry 4.0-ready due to scanner connection
- Power: 13 kW
- Mains voltage: 3 × 400–480V, 16A
- Tools: solid carbide and HSS from Ø 1/8–1 1/4" (3–32 mm)
- With NG coil
- TME Intelligent Cooling System with temperature control
- Integrated contact cooling with five cooling bodies
- Linear guided cooling bodies with automatic signaling of the right cooling station for easy, fast and safe cooling
- No damage at the edges of the cutting tool
- Incl. Speed Cooler and Cooling Manager
- Incl. 2 precision base holders and 2 precision chuck supports
- Integrated drawer in base cabinet
- Scanner to readout shrinking parameters from tool holders (Data-Matrix code) (optional)
- Length presetting (optional)

Technical details

- | | |
|--|--|
| ■ Mains voltage | 3 × 400–480 V, 16 A, 13 kW |
| ■ Tools | Solid carbide and HSS |
| ■ Tool diameter | 1/8–1 1/4" (3–32 mm) |
| ■ Maximum length of shrink fit chuck (shrinking) | 21" (535 mm) |
| ■ Dimensions W × D × H | 53 × 36 × 71" (1,340 × 914 × 1,816 mm) |
| ■ Weight | 1,193 lbs (541 kg) |

Special offer

\$ 55,050

Order No. PC407-I22-C11-US

Plus shipping and installation

Special offer with motor coil

\$ 60,760

Order No. PC407-I43-C11-US

Plus shipping and installation



Picture shows PC407-I22-C11-US with length presetting and scanner (optional)

POWER CLAMP BASIC WITH EASY COOLER

The **Power Clamp Basic** is the economical entrance into **inductive shrink fit technology**. The power electronics enables problem free shrinking. The mechanical construction of the equipment has, on the other hand, been kept deliberately simple and functional.

The new **Easy Cooler cooling unit** included in the promotional package is the perfect complement to the Power Clamp Basic, so that tool holders and shrink collets can be cooled quickly and easily. The Basic Line is ideal for the price-conscious user, who only wants to shrink a few tools on a daily basis.

Package includes

- **Power Clamp Basic**
- Power: 10kW
- Mains voltage: 3×400–480 V, 16A
- Tools: solid carbide and HSS from Ø1/8–1 1/4" (3–32 mm)
- With 1 base holder
- With 1 chuck support
- **Easy Cooler Cooling unit**

Technical details Power Clamp Basic

- Mains voltage 3×400–480 Volt, 16 Ampere, 10 kW
- Tools Solid carbide and HSS
- Tool diameter 1/8–1 1/4" (3–32 mm)
- Maximum total length 13.78" (350 mm)
- Dimensions W×D×H 25×35×24" (650×900×600 mm)
- Weight 99 lbs (45 kg)
- **Order No.** **PC105-I01-C00-EU**

Technical details Easy Cooler

- Air pressure 6 bar
- Maximum total length 13.78" (350 mm)
- Dimensions W×D×H 13.78×22.44×41.54" (350×570×1,055 mm)
- **Order No.** **PC900-C22**

Special offer

\$ 12,655

Order No. **PC105-I01-C00-EU + PC900-C22**

Plus shipping and installation



EASY COOLER



YOU SAVE
\$1,451

The **Easy Cooler** from **HAIMER** is the new cooling device for tool holders and shrink fit collets from $\varnothing 1/8$ – $1 1/4$ " (3–32 mm).

- Also possible as stand-alone unit
- Contour-independent cooling of tool holders and shrink fit collets
- One height level with Power Clamp Basic for easy movement of the base holders
- Operates via compressed air, no power supply necessary

Technical details

- | | |
|------------------------|---|
| ■ Air pressure | 6 bar |
| ■ Tools | Solid carbide and HSS |
| ■ Tool diameter | $1/8$ – $1 1/4$ " (3–32 mm) |
| ■ Maximum total length | 13.78" (350 mm) |
| ■ Dimensions W x D x H | 13.78 x 22.44 x 41.54" (350 x 570 x 1,055 mm) |

Special offer

\$3,500

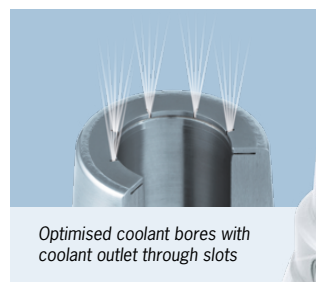
Order No. PC900-C22

Plus shipping and installation

50 % PROMO DISCOUNT ON COOL FLASH

True to the slogan "make good things even better" HAIMER has developed the Cool Flash system out of the existing Cool Jet system. The coolant is pressed out by several slots, floats around the shank via the chip flute and cools up to the cutting edge!

- Coolant directly to the cutting edge
- Extended tool life up to 100 %
- Eliminates balls of chips on the cutting tool
- Also for high rpm
- Optimised runout accuracy, no additional unbalance
- No disturbing clearance
- For tools from $\varnothing 1/4$ – 2 " (6–50 mm)



Optimised coolant bores with coolant outlet through slots



Cool Flash	Order No.	List Price	Special price
Cool Flash (Cool Jet pre-existing)	91.100.40	\$321.00	\$160.50
Cool Flash Upgrade incl. Cool Jet	91.100.41	\$432.00	\$216.00

HAIMER MICROSET UNO SMART 20 | 40

The UNO smart is our entry-level machine featuring a small footprint, user-friendly operation and high precision. It is particularly well suited for measurements right on the shop floor and has all this at an unbeatable price-performance ratio.

Standard Equipment

- Microvision SMART image processing system
- SK50 high-precision spindle, manual
- Robust, long-life cast iron construction
- Thermally optimised material combination for improved repeatability
- Manual operation
- Energy-saving mode
- 7" multi-touchscreen
- Memory for 99 zero points
- $\pm 5 \mu\text{m}$ repeatability

Measurement range

- | | | | |
|-----------------------------------|-----------------|-----------------------|-----------------|
| ■ Maximum tool diameter on X-axis | 15.75" (400 mm) | ■ Maximum tool weight | 44 lbs (20 kg) |
| ■ Maximum tool length on Z-axis | 15.75" (400 mm) | ■ Weight | 209 lbs (95 kg) |

Following options included

- Technology package: Tool inspection light, edgfinder, release-by-touch (Order No. M-A2061)
- Manual fine adjustment (Order No. M-Z1810)
- Indexing $4 \times 90^\circ$ and mechanical spindle brake (Order No. M-H1014)
- Sigma-Function (Order No. M-P4052)
- Label printer (Order No. M-Z1005)



Special offer

\$ 13,890

Order No. M-G1111

Plus shipping and installation

HAIMER MICROSET UNO AUTOMATIC DRIVE 20 | 40

With fully automated measurement capabilities, the UNO automatic drive is the high-end model in the UNO series. The UNO automatic drive is fully independent of the operator and can be used with minimal user expertise.

This guarantees maximum quality and time savings, even with complex tools on multiple planes.

Standard Equipment

- Microvision UNO image processing system
- Automatic tool measurement in 3 axes
- SK50 ultra-high precision spindle, autofocus with powerful vacuum clamping
- Motorised fine adjustment of all axes
- 24" touch screen
- 4 × 90° and 3 × 120° motor-driven indexing
- Pneumatic spindle brake
- Vacuum clamping
- Premium base cabinet includes storage for 6 adapters
- Sigma function
- Memory for 1,000 zero points, tools and tool lists
- USB/LAN data output
- Release-by-touch
- Edgfinder
- Incident light
- 2 µm spindle runout
- ± 2 µm repeatability
- Label printer

Measurement range

- | | | | |
|--|-----------------|-----------------------|------------------|
| ■ Maximum tool diameter on X-axis | 15.75" (400 mm) | ■ Maximum tool weight | 66 lbs (30 kg) |
| ■ Maximum snap gauge tool diameter on X-axis | 3.94" (100 mm) | ■ Weight | 529 lbs (240 kg) |
| ■ Maximum tool length on Z-axis | 15.75" (400 mm) | | |

Following options included

- Levelling feet with vibration damping (Order No. M-Z2060)
- Dust cover UNO (Order No. M-Z1910)
- Live photo recording UNO (Order No. M-P4020)
- Tool storage unlimited (Order No. M-P4030)
- User management (Order. No. M-P4131)
- Postprocessor package standard with 100 PP (Order No. M-P1303)
- Online support basis installation (Order No. 91.101.30.13)
- **Free of charge: H3D-Scan (Order No. M-P4043)**

Special offer

\$47,400

Order No. M-G1160

Plus shipping and installation



Toolbase Control EL-9 is a machine tool dispenser for small and midsize businesses.

The large drawers with flexible partitioning options allow a wide variety of uses. All drawers can be electronically locked, thus protecting against unauthorized access.

The Toolbase ATMS CORE Full Module is installed on a high-quality PC with a large 27" touch-screen. ATMS Core enables permanent availability and optimal C-parts management, as well as a interface to your existing Microset presetting machines for the easy start into tool management.

**Package includes**

- Tool cabinet controlled via ATMS Core Software "FULL"
- Preconfigured classification material
- RFID card reader, 2D scanner
- Incl. tools on loan, measuring equipment management, regrinding management, cost centres, extensive user rights management, Interfaces module for connecting Microset

Special offer

\$22,381

Order No. 84.831.01.3.PK01

Plus shipping and installation

TOOL MANAGEMENT SYSTEM  WINTOOL

NEW

WinTool, the proven leader in tool and data management

WinTool – CNC Tool Management Software – simplifies your CNC manufacturing workflow, improves throughput, and lowers production costs. Benefits come from shorter programming and machine setup times, reduced tool variety and stock levels, and working in a transparent organization with a fully integrated CNC archive for all your machine operation data. With the interfaces to HAIMER presetting machines and Toolbase systems, WinTool fits perfectly into your existing tool management processes.

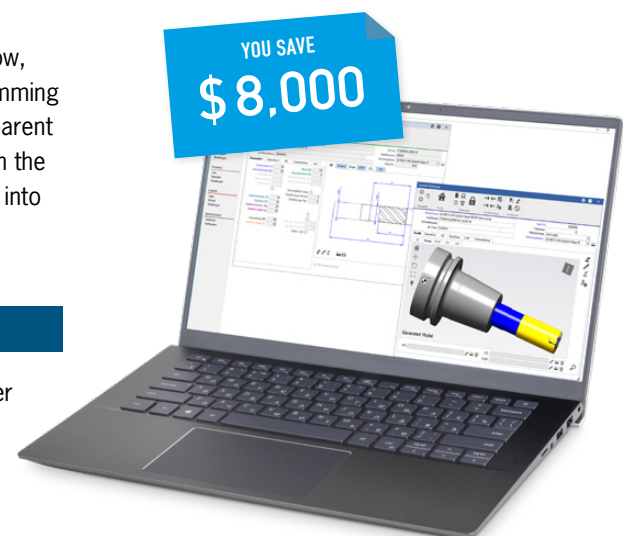
Package includes

- WinTool Software Base Module
- CAM Interface
- Free of charge: Interface to HAIMER presetter
- Free of charge: Interface to Toolbase

Special offer

\$19,290.25

Plus shipping and installation



Plus installation & yearly license fee

HAIMER MICROSET UNO PREMIUM 20 | 40 & TOOLBASE

UNO premium – The right solution for almost every user. The highest standard of manual tool presetting.

Operator independent measuring results, easy to use with digital data transfer capabilities.

Standard Equipment

- Microvision UNO image processing system
- SK50 ultra-high precision spindle, manual with powerful vacuum clamping
- Robust, long-life cast iron construction
- Thermally optimized material combination for improved repeatability
- Manual operation
- 24" touchscreen
- Windows 10
- Premium base cabinet incl. storage for six adapters
- Sigma function
- Memory for 1,000 zero points and tools
- USB / LAN data output
- $\pm 2 \mu\text{m}$ repeatability

Measurement Range

- | | | | |
|--|-----------------|-----------------------|------------------|
| ■ Maximum tool diameter on X-axis | 16.54" (420 mm) | ■ Maximum tool weight | 66 lbs (30 kg) |
| ■ Maximum snap gauge tool diameter on X-axis | 3.94" (100 mm) | ■ Weight | 309 lbs (140 kg) |
| ■ Maximum tool length on Z-axis | 15.75" (400 mm) | | |

Package includes

- **UNO premium 20140 (Order No. M-G1185)**
- Technology package: Tool inspection light, edgfinder, release-by-touch (Order No. MA2060)
- Label printer (Order No. M-Z1005)
- Interface to Toolbase
- **Toolbase Dispensing System, package according to page 8 (Order No. 84.831.01.3.PK01)**



Special offer

\$39,881

Order No. M-G1185 + 84.831.01.3.PK01

Plus shipping and installation



Package includes

- **UNO premium 20140 (Order No. M-G1185)**
- **Technology package: Tool inspection light, edgfinder, release-by-touch (Order No. M-A2060)**
- **Label printer (Order No. M-Z1005)**
- **Interface to Toolbase and WinTool**
- **Toolbase Dispensing System, package according to page 8 (Order No. 84.831.01.3.PK01)**
- **WinTool Tool Management System, package according to page 8**

Special offer

\$61,171.25

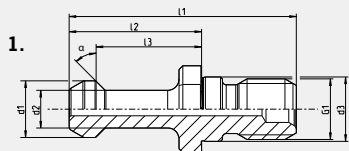
Plus shipping and installation

PULL STUDS

SPECIAL OFFER

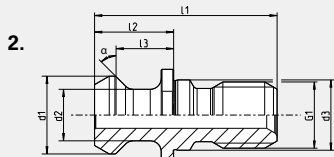


- Made of special steel with high rigidity
- Costly heat treatment in several steps
- High impact strength
- All functional surfaces fine finished after hardening
- Highest security and reliability



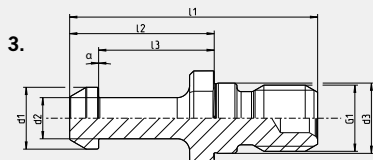
1. Similar ISO 7388-3 Form JD (MAS 403) with coolant through

	D1	D2	D3	L1	L2	L3	G1	α	pilot	List price	Special Price
CAT40							5/8'-11UNC	45°	yes	\$42.00	\$35.00
Order No. 88.623.40	0.59"	0.39"	0.67"	2.25"	1.27"	0.99"					



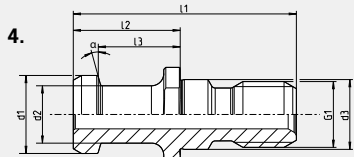
2. ANSI B5.50 Mazak with coolant through

	D1	D2	D3	L1	L2	L3	G1	α	pilot	List price	Special Price
CAT40							5/8'-11UNC	45°	yes	\$35.00	\$29.00
Order No. 88.520.40	0.74"	0.49"	0.67"	1.62"	0.64"	0.44"					



3. MORI - SEIKI MAS 90° without coolant through

	D1	D2	D3	L1	L2	L3	G1	α	pilot	List price	Special Price
CAT40							5/8'-11UNC	0°	yes	\$35.00	\$29.00
Order No. 88.121.40	0.59"	0.39"	0.67"	2.25"	1.27"	0.99"					



4. JIS B 6339 with coolant through

	D1	D2	D3	L1	L2	L3	G1	α	pilot	List price	Special Price
CAT40							5/8'-11UNC	15°	yes	\$42.00	\$35.00
Order No. 88.720.40	0.75"	0.55"	0.67"	2.01"	1.03"	0.79"					

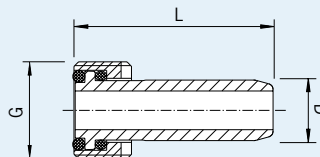
COOLANT TUBE

SPECIAL OFFER



- Prevents spindle from being spoiled
- Must be used with all coolant through HSK spindles
- Dual o-ring design makes tube slightly movable
- Special coating with extremely smooth surface
- No damaging of the sealing system
- Fits all brands of HSK holders

Coolant tube with 2 o-rings	HSK-A40	HSK-A50	HSK-A63	HSK-A100
	HSK-E40	HSK-E50		
Order No. 85.700...	.40	.50	.63	.10
Length G [mm]	M12×1	M16×1	M18×1	M24×1.5
Length D [mm]	8	10	12	16
Length L [mm]	29,5	33	36,5	44
List Price USD	30.00	30.00	30.00	32.00
Special Price USD	25.00	25.00	25.00	27.00



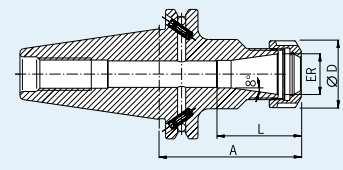
20% DISCOUNT ON SHORT STANDARD ER COLLET CHUCKS



Get 20% discount on short Standard ER collet chucks from the program below. Offer is valid for following interfaces: CAT40, BT40, HSK-A63

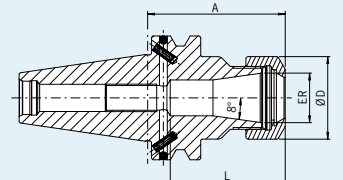
CAT40

ER		16	25	32
Ø D [mm]		28	42	50
Clamping range [mm]		0.5 – 10.0	1.0 – 16.0	1.0 – 20.0
L [mm]		¹⁾	62	64
Length A [mm]	short	70	70	70
Order No.	40.720...	.16	.25	.32
List price	USD	221.00	221.00	221.00
Special price	USD	176.80	176.80	176.80



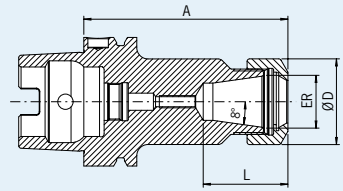
BT40

ER		16	25	32
Ø D [mm]		28	42	50
Clamping range [mm]		0.5 – 10.0	1.0 – 16.0	1.5 – 20.0
L [mm]		¹⁾	57	64
Length A [mm]	short	70	70	70
Order No.	40.520...	.16	.25	.32
List price	USD	221.00	221.00	221.00
Special price	USD	176.80	176.80	176.80



HSK-A63

ER		16	25	32
Ø D [mm]		28	42	50
Clamping range [mm]		0.5 – 10.0	1.0 – 16.0	1.5 – 20.0
L [mm]		46.5	48	47
Length A [mm]	ultra short	75	75	75
Order No.	A63.025...	.16	.25	.32
List price	USD	389.00	389.00	415.00
Special price	USD	311.20	311.20	332.00



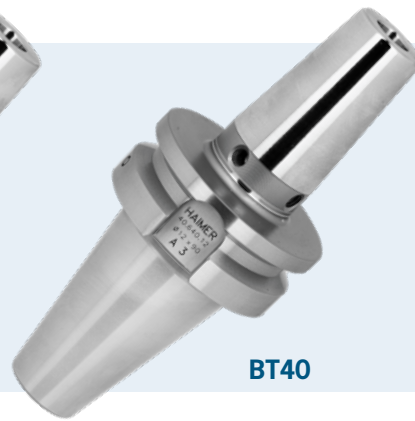
1) Drilled through

20% DISCOUNT ON SHORT STANDARD SHRINK FIT CHUCKS

**20%
DISCOUNT**



CAT40



BT40

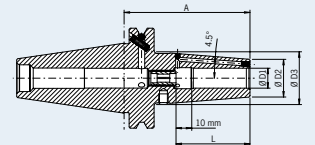


HSK-A63

Get 20% discount on short Standard Shrink Fit Chucks from the program below.
Offer is valid for following interfaces: CAT40, BT40, HSK-A63

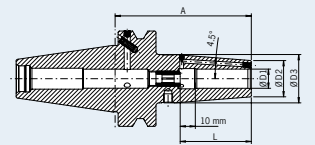
CAT40

Clamping	Ø D1 [inch]	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1
Ø D2 [inch]		0.83	0.83	0.94	0.94	0.94	1.06	1.30	1.73
Ø D3 [inch]		1.06	1.06	1.26	1.26	1.26	1.34	1.65	2.09
L [inch]		1.42	1.42	1.65	1.65	1.85	1.97	2.05	2.28
Length A [inch]	short	3.15	3.15	3.15	3.15	3.15	3.15	3.15	3.94
Order No.	40.840...	.1/4Z.4	.5/16Z.4	.3/8Z.4	.7/16Z.4	.1/2Z.4	.5/8Z.4	.3/4Z.4	.1Z.4
List price	USD	334.00	334.00	334.00	334.00	334.00	334.00	334.00	341.00
Special price	USD	267.20	267.20	267.20	267.20	267.20	267.20	267.20	272.80



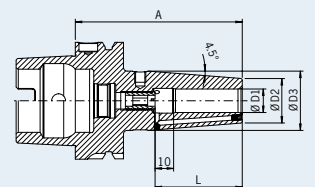
BT40

Clamping	Ø D1 [inch]	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1
Ø D2 [inch]		0.83	0.83	0.94	0.94	0.94	1.06	1.30	1.73
Ø D3 [inch]		1.06	1.06	1.26	1.26	1.26	1.34	1.65	2.09
L [inch]		1.42	1.42	1.65	1.65	1.85	1.97	2.05	2.28
Length A [inch]	short	3.54	3.54	3.54	3.54	3.54	3.54	3.54	3.94
Order No.	40.640...	.1/4Z.4	.5/16Z.4	.3/8Z.4	.7/16Z.4	.1/2Z.4	.5/8Z.4	.3/4Z.4	.1Z.4
List price	USD	341.00	341.00	341.00	341.00	341.00	341.00	341.00	346.00
Special price	USD	272.80	272.80	272.80	272.80	272.80	272.80	272.80	276.80



HSK-A63

Clamping	Ø D1 [inch]	1/4	5/16	3/8	7/16	1/2	5/8	3/4	1
Ø D2 [inch]		0.83	0.83	0.94	0.94	0.94	1.06	1.30	1.73
Ø D3 [inch]		1.06	1.06	1.26	1.26	1.26	1.34	1.65	2.09
L [inch]		1.42	1.42	1.65	1.65	1.85	1.97	2.05	2.28
Length A [inch]	short	3.15	3.15	3.35	3.35	3.54	3.74	3.94	4.53
Order No.	A63.140...	.1/4Z.4	.5/16Z.4	.3/8Z.4	.7/16Z.4	.1/2Z.4	.5/8Z.4	.3/4Z.4	.1Z.4
List price	USD	377.00	377.00	377.00	377.00	377.00	377.00	377.00	377.00
Special price	USD	301.60	301.60	301.60	301.60	301.60	301.60	301.60	301.60



Balancing machine for balancing tools, tool holders and grinding wheels in 1 or 2 planes (optional).

- Force measuring table top machine
- Ideal for smaller shops
- For small batch lots, single application, standard chucks and grinding wheel packages
- Adapter with automatic clamping system

Features

- Menu-based handling – via integrated user interface and display
- Safety hood with automatic door lock
- Special high precision spindle bearings

Standard Equipment

- Vibration optimised base
- Integrated user interface for easy handling of the machine
- Optical indexing help
- Balancing in 1 plane
- Drilling radial
- Balancing with spindle compensation
- Laser marking
- Index balancing
- Software for compensation with balancing rings
- One standard spindle adapter with a max value of \$5,410.00

Technical details

- | | |
|-----------------------------|---|
| ■ Dimensions | 20 × 27 × 32" (500 × 680 × 820 mm) |
| ■ Weight | 441 lbs (200 kg) |
| ■ Spindle speed [rpm] | 400–1100 |
| ■ Measuring accuracy [gmm] | < 1 |
| ■ Power requirements [V/Hz] | 230/50–60
(comes with 110 V transformer) |
| ■ Power usage [kW] | 0.4 |
| ■ Compressed air | 87 psi (6 bar) |
| ■ max. tool length [inch] | 14.2" (360 mm) |
| ■ max. tool diameter [inch] | 13.4" (340 mm) |
| ■ max. tool weight | 33 lbs (15 kg) |
| ■ Order No. | TD105-H06-US |

Special offer

\$25,480

Order No. TD105-H06-US

Plus shipping and installation



TOOL DYNAMIC TD COMFORT i4.0

Tool Dynamic TD Comfort is the most accurate tool balancing machine in the world with a repeatable accuracy of < 0,5 gmm. With the optical indication of unbalance by the precision laser you reach your targets fast! In addition the new balancing software of this machine offers the possibility to correct the unbalance by milling and is easy to operate.

Standard Equipment

- Rack for accessories
- Fixed components
- Robust, long-life cast iron construction
- Thermally optimised material combination for improved repeatability
- Optical indexing help
- Balancing in 1 plane and Balancing in 2 planes
- Drilling radial
- Milling program
- Balancing software TD 4.0
- Laser marking
- TFT screen
- Automatic indexing
- Software for compensation with balancing rings
- One standard spindle adapter with a max value of \$5,410.00

Technical details

- | | |
|-----------------------------|---|
| ■ Dimensions | 43 × 70 × 32" (1100 × 1770 × 820 mm) |
| ■ Weight | 990 lbs (450 kg) |
| ■ Spindle speed [rpm] | 300–1100 |
| ■ Measuring accuracy [gmm] | < 0,5 |
| ■ Power requirements [V/Hz] | 230/50–60
(comes with 110 V transformer) |
| ■ Power usage [kW] | 0,4 |
| ■ Compressed air | 87 psi (6 bar) |
| ■ max. tool length [inch] | 27" (700 mm) |
| ■ max. tool diameter [inch] | 15" (380 mm) |
| ■ optional | 16" (425 mm) |
| ■ max. tool weight | 66 lbs (30 kg) |
| ■ Order No. | TD400-H02-US |

Special offer

\$ 64,460

Order No. TD400-H02-US

Plus shipping and installation



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Technical data subject to change without prior notice. All prices are net prices in US dollar. Packaging and Freight costs excluded. Our GTC apply (www.haimer.biz/gtc)