Automator

Your Global Marking Partner since 1940

DOT PEEN SOLUTIONS CATALOGUE

Machines and systems
for industrial marking

www.automator.com

WHY CHOOSE AUTOMATOR?

Since its founding in 1940, AUTOMATOR has been focused exclusively on Industrial Marking Products and Solutions making us the largest manufacturer of marking equipment in the world.

No matter how you want to permanently Identify your product, AUTOMATOR has a solution that will exceed your expectation making a mark that will enhance your part and limit your liabilities.

Our GLOBAL network of partners (not just distributors!) are available in 102 countries serving 100+ business sectors. No matter where you are in this world, we are there to support you and our marking products, birth to death.

We are your global marking partner since 1940!

Laser

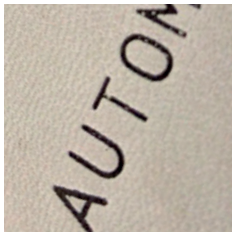
Dot peen

Roll stamping

Impact

Presses

Scribe

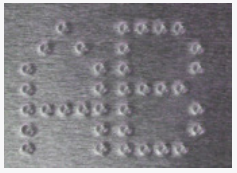


Hot foil

Chem-etch

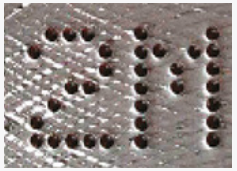
DOT PEEN TECHNOLOGIES

Vibrating Dot Peen
Characters are marked with a small pin while vibrating. Highly recommended for fast marking with very high quality needs.

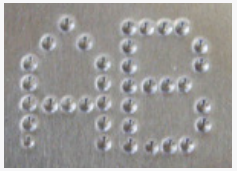


Electric Dot Peen
The pin is moved electrically by drive and return electric spring solenoid. Air not required. Recommended for high quality needs.

Pneumatic Dot Peen
The Pin is moved automatically by opening and closing the drive and return air. Recommended for marking on irregular and rough surfaces.



Deep Dot Peen
The Air Solenoid has ar increased capacity. Specializec pins are required for deep markings on the most resistant materials.



Controlled Dot Peen
Font characters are created with possibility to specify the density of the dots to be marked from 0 to 80 pixel/ cm. Recommended for deep marking.

Scribe Marking
Markings are made by striking the surface and removing the material for deep and silent marking.

Automator is cetificated CISQ,
the consortium for IT Software Quality

Automator Group believes in rational energy use as input
in the design and development of its marking systems

Automator is certificated ISO 9001 IQ Net since 2003

2768/4

Automator Group believes that all its machinery must be
designed and produced according to the concept
of "green philosophy"

AC500

CONTROLLER FOR DOT PEEN AND SCRIBE MACHINES

UNIVERSAL AND FULL OPTIONALS

The AC500 controller can be used with a PC or alone with the special Automator MarkAloneTM technology.
The 7" touchscreen makes the many software's features easy to manage and use.
For the rst time, industrial marking reaches the maximum in e ciency and intuitive simplicity.

External Power Supply 48V

Lines, arcs circles

Serial numbers

TTF Available

USB (pendrive) port

Multilingual:
More than 40 languages

Motorized
Z and theta axis

Free memory display

Virtual keyboard

7" touchscreen

Upload/download files

QR code and Data Matrix

I/O Signals

Alarms history

Fixed flash memory 64 MB

Reader fixed or handleld

Importable/exportable DXF-BMP files

Remote planned maintenance

Watch video now!

OPTIONAL EXTERNAL COMMUNICATIONS PROTOCOLS

(*) All the logos are property of their own companies

Head/controller cable

I/O Port

Ethernet/PC

ON/OFF button

External Power Supply 48V

Fuse

External communications on the side

I/O RS 232

NEW CONNECTIONS PLATE

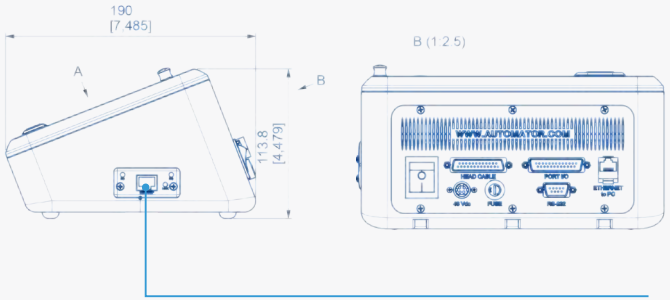
Standard Certifications for USA: (International Technology Equipment Safety part 1: general requirements, 609501) and Canada (International Technology Equipment Safety part 1: general requirements Amendment 1:2011, Amd. 2: 2014, CSA C22.2#60950-1)

IEC 60950-1 CSA C22.2 60950-1

CE IEC 60950-1 ETL

The AC500 controller can be used with a PC or alone with the special Automator MarkAloneTM
Up to 8 programs management.

A (1:2.5)



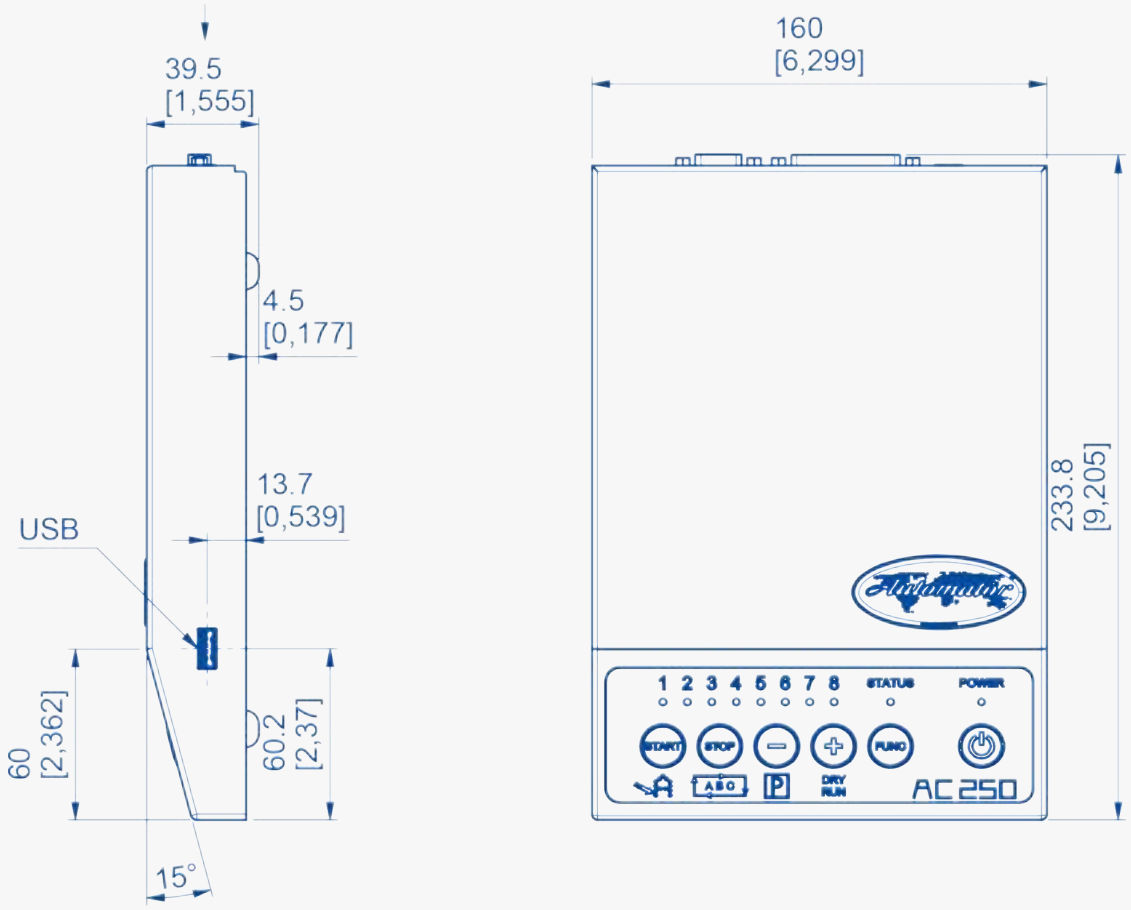
OPTIONAL EXTERNAL COMMUNICATIONS PROTOCOLS

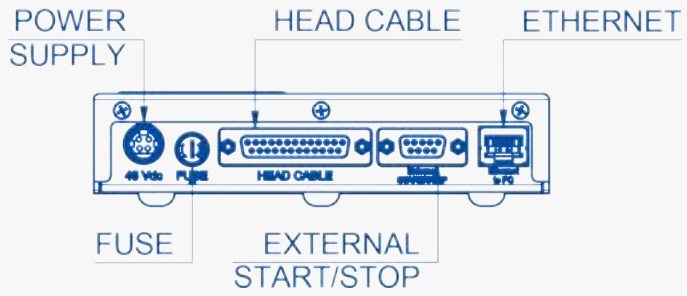
AC250

CONTROLLER FOR DOT PEEN

UNIVERSAL AND COST-EFFECTIVE

For all models





Standard Certifications for USA: (International Technology Equipment Safety part 1: general requirements, 609501) and Canada (International Technology Equipment Safety part 1: general requirements Amendment 1:2011, Amd. 2:2014, CSA C22.2#60950-1)

IEC 60950-1

CSA C22.2 60950-1

The AC250 controller can be used with a PC or alone with the special Automator MarkAloneTM
Up to 8 programs management.

ADP2560

Marking area 1x2,3" - 25x60mm

PORTABLE
Dimensions: 4,5x13,7x8,5"
Weight: 7,3 lbs

INTEGRATION
Dimensions: 4,5x6,9x3,1"
Weight: 6,6 lbs

BENCHTOP
Use Automator dot peen marker easyly in both toolstand and portable mode
Dimensions: 16,1x24,3x12,4"

Marking area 1x4,7" - 25x120mm

ADP25120

PORTABLE
Dimensions: 4,5x12,7x8,5"
Weight: 9,3 lbs

INTEGRATION
Dimensions: 7,8x6,9x3,1"
Weight: 8,8 lbs

BENCHTOP
Use Automator dot peen marker easyly in both toolstand and portable mode
Dimensions: 16,1x24,3x12,4"

ADP5090

Marking area 1,9x3,5" - 50x90mm

PORTABLE
Dimensions: 14,4x10,7x4,7"
Weight: 11,8 lbs

INTEGRATION
Dimensions: 14,4x10,7x4,7"
Weight: 11 lbs

BENCHTOP
Dimensions: 16,1x24,3x12,4"

Marking area 4,7x6,3" - 120x160mm

ADP120160

PORTABLE
Dimensions: 17,2x10x7,9"
Weight: 19,6 lbs

INTEGRATION
Dimensions: 8,6x10,2x4,9"
Weight: 18,7 lbs

BENCHTOP
Dimensions: 16,1x24,3x12,4"

ADP120160 DEEP
FOR DEEPER MARKINGS

Marking area 4,7x6,3" - 120x160mm

INTEGRATION
Dimensions: 8,6x10,2x6,7"
Weight: 21,8 lbs

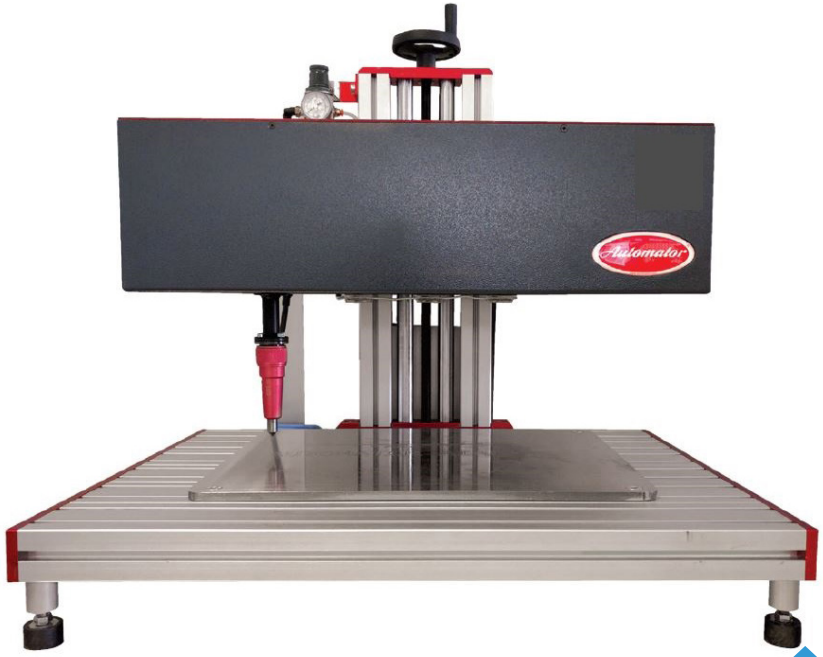
Watch video now!

BENCHTOP
Dimensions: 16,1x24,3x12,4"

Marking area 11,8x15,7" - 300x400mm

ADP300400
FOR LARGEST MARKING AREAS

INTEGRATION
Dimensions: 20,2x16,7x5,8"
Weight: 46,3 lbs



BENCHTOP
Dimensions: 26,4x24,3x21,2"

ASM6090
SCRIBE MARKING

Marking area 2,3x3,5" - 60x90mm

INTEGRATION
Dimensions: 6,7x7,8x7,6"
Weight: 13,2 lbs

Watch video now!

BENCHTOP
Dimensions: 16,1x24,3x12,4"

Marking area 1,5x5,9" - 40x150mm

ASM40150
SCRIBE MARKING

INTEGRATION
Dimensions: 14,1x7,8x10,6"
Weight: 41,8 lbs

BENCHTOP
Dimensions: 30x24,3x16,5"

MARKING PINS

For all models

Pneumatic Controlled dot
Drive air
Return spring

3 - 6 mm dot

12 mm dot

18 mm dot

3 -6 mm XL dot

Pneumatic Vibrating dot
Drive air
Return spring

4 mm vibro

3 mm vibro

Electric
Solenoid
driven

3 mm electric

Scribe pin
Contact marking
Silent marking

16 mm
for ASM40150

6 mm
for ASM6090

For all models

SOFTWARE
AC500
PC AC250

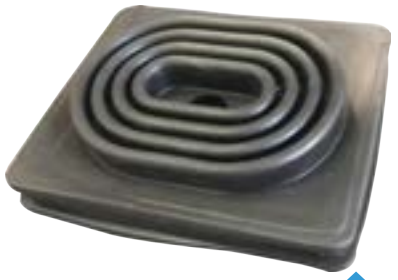
Software with intuitive and exible interface, it allows a graphic freedom of absolute value.
Thanks to the touch screen graphic display, it is easy to navigate and to create messages to be marked and set its parameters, displaying also the time of the performance.
The preview allows to represent exactly what will be marked and any change in the message will be displayed instantly. The software provides for the creation of messages with the date in various formats, x or variable texts, codes, serial numbers, Data matrix and logos. Possible the creation of the programs on the PC, which can be easily transferred to the AC500 controller with USB stick or USB connection.

OPTIONS

For all models

X/Y axis
Stroke 11,8x11,8''
stepper motor, maximum
weight 88 lbs

Extension
For 1,5''
cartridge

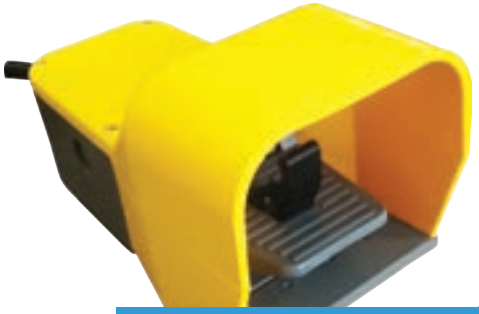


Rubber protection for ADPs
To protect the marker from
dusts and infiltrations

Portable standoff
Handheld for ADP
markers

Rotating axis to mark on circumferences
For diameters up to 3,7'', stepper
motor, maximum weight 16,5 lbs

Command box
With start/stop buttons
and cable



Start marking pedal
With cable and adapter

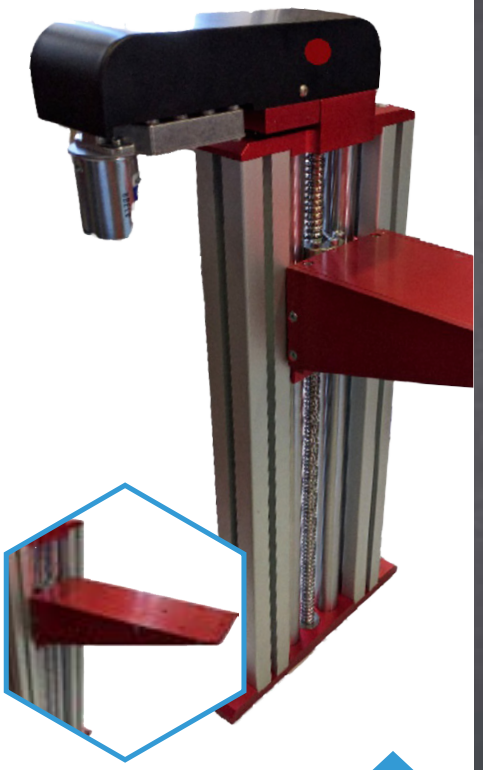
For all models

OPTIONS

Plate holder
Plate fastening system with double spring anchoring for dot peen markers

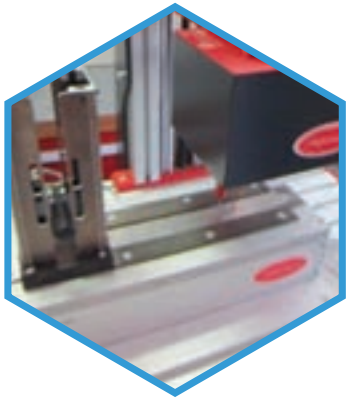
Radial extension kit
3,3" and 5,2"

Portable kit
Two-handed handheld



Manual or motorized Z axis
Available in height standard or up to 47"

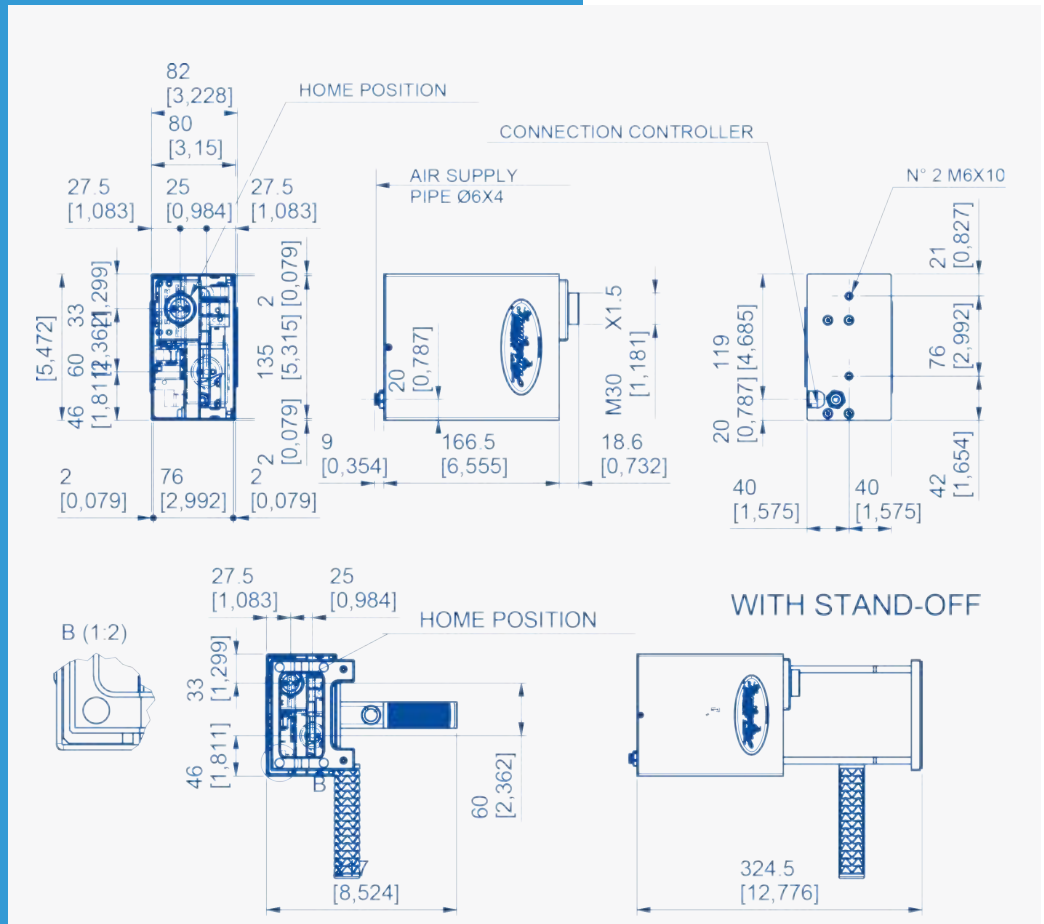
Watch video now!



Tag Feeder
utomatic dual guide tag feeder with electro-pneumatic pushing system that the registration of the height of the marking head.

Drawings

ADP2560
ADP25120



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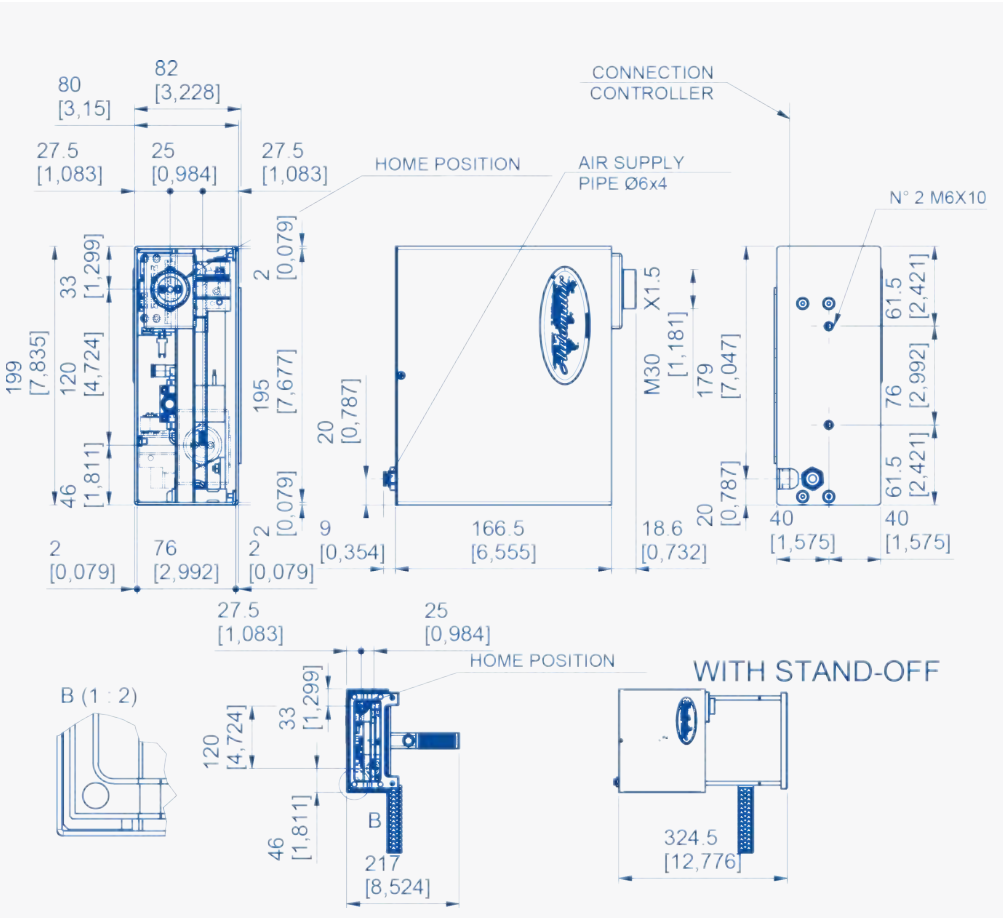
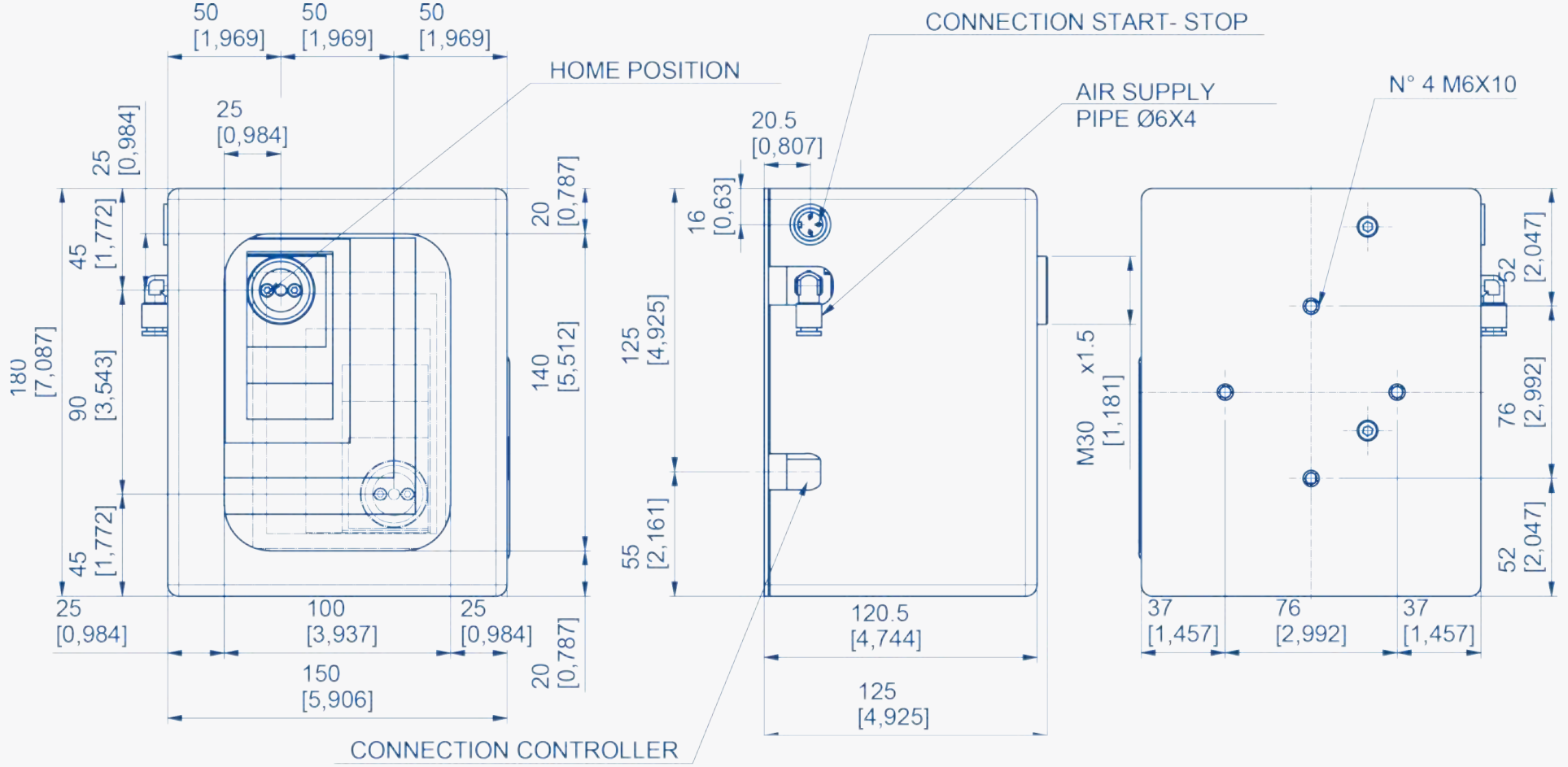


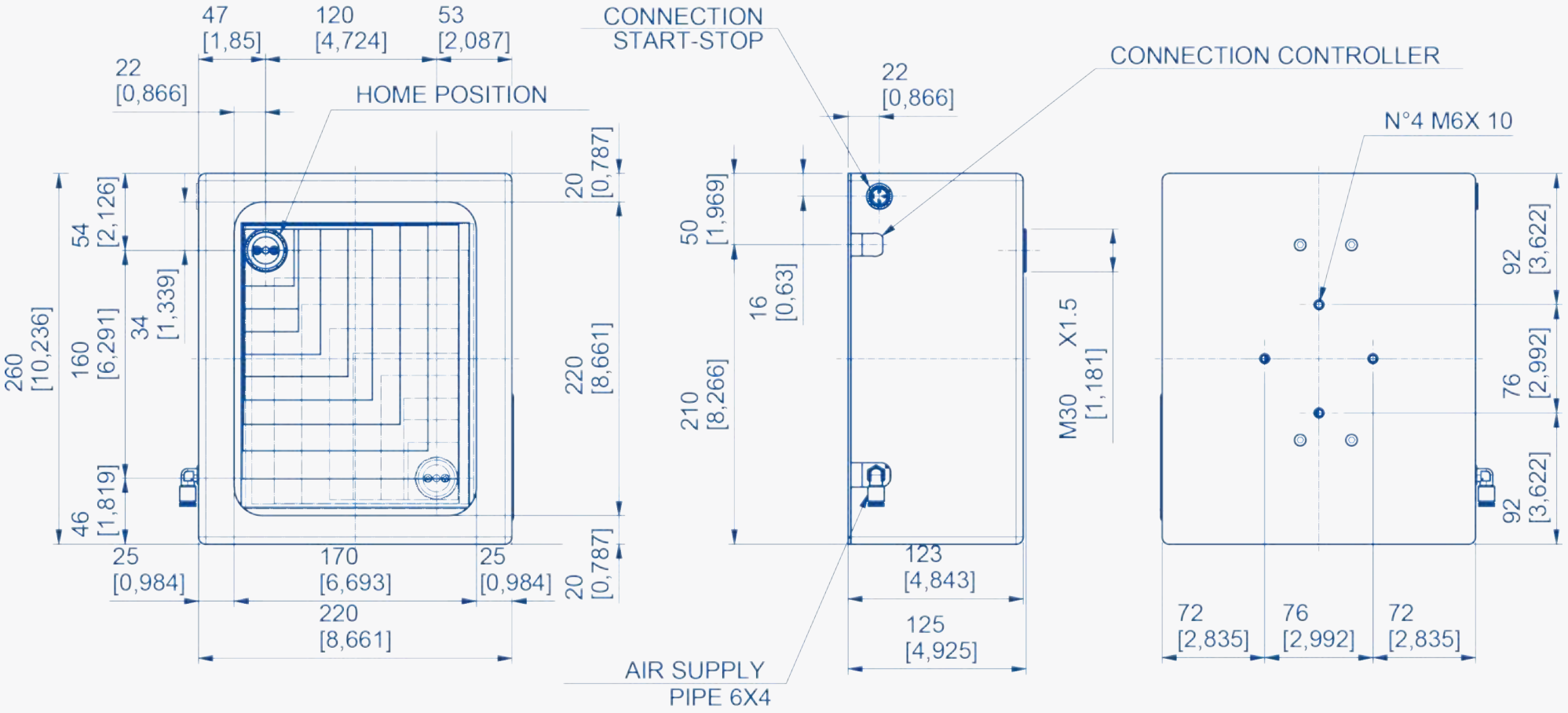
ADP25120

Drawings

ADP5090



ADP120160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120
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53
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22
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HOME POSITION
CONNECTION
START-STOP
CONNECTION CONTROLLER
22
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N°4 M6X 10
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M30 X1.5
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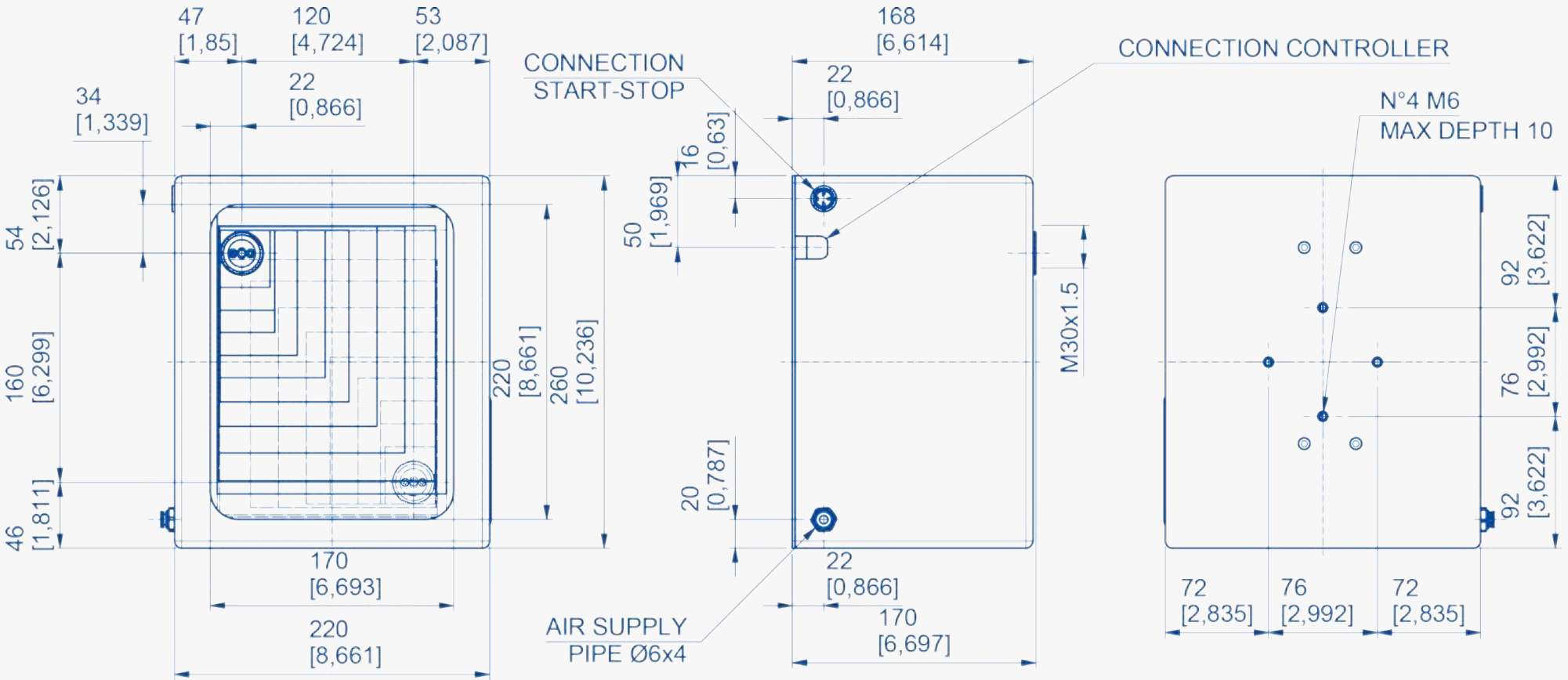
AIR SUPPLY
PIPE 6X4

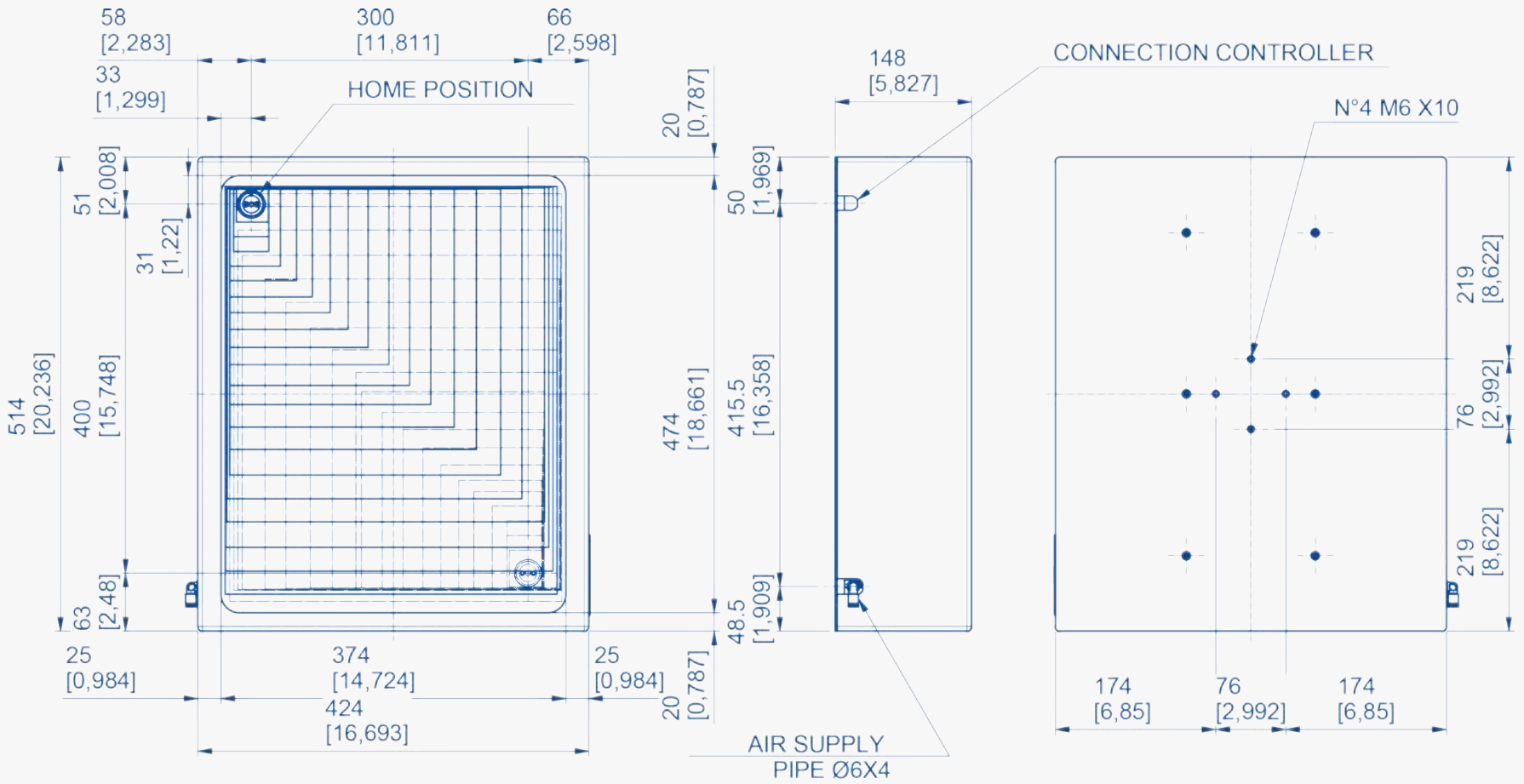
Drawings

ADP120160 DEEP



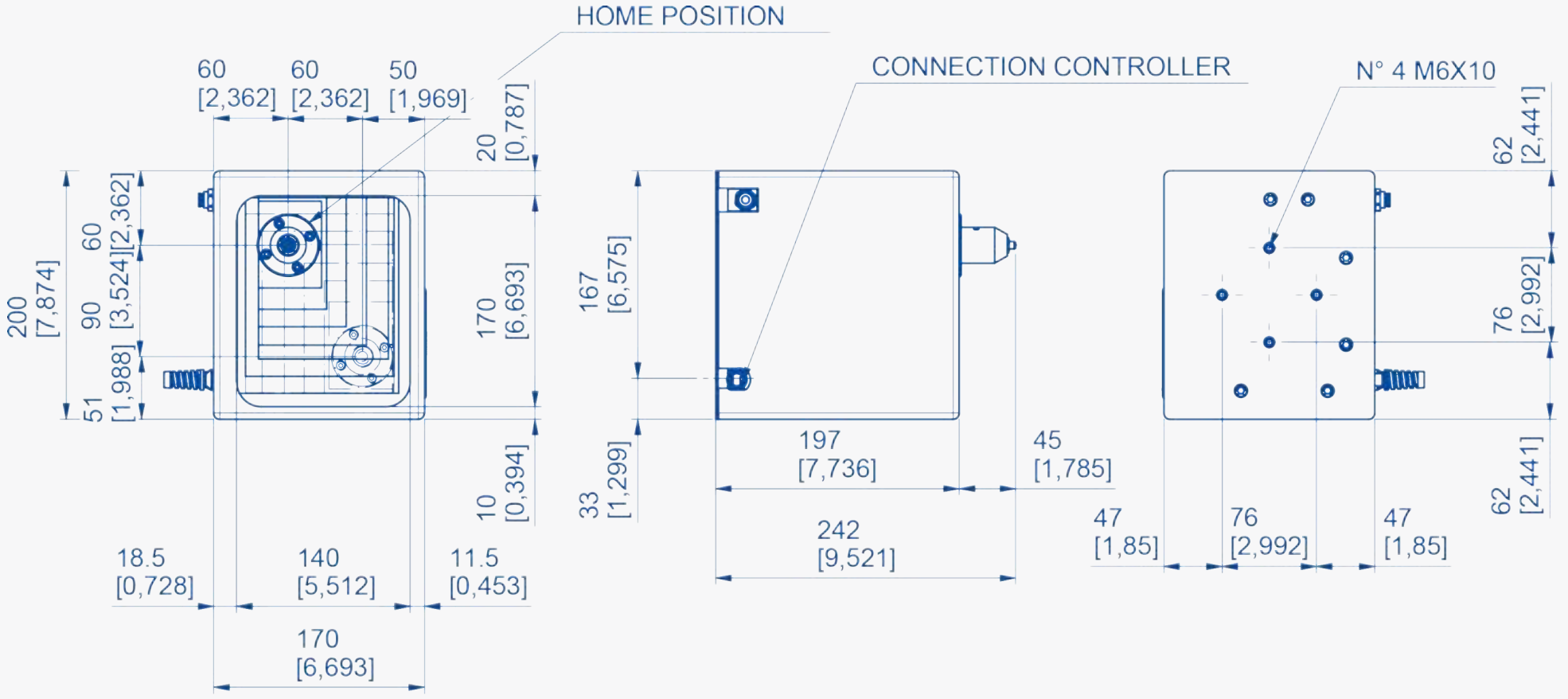
Drawings

ADP300400

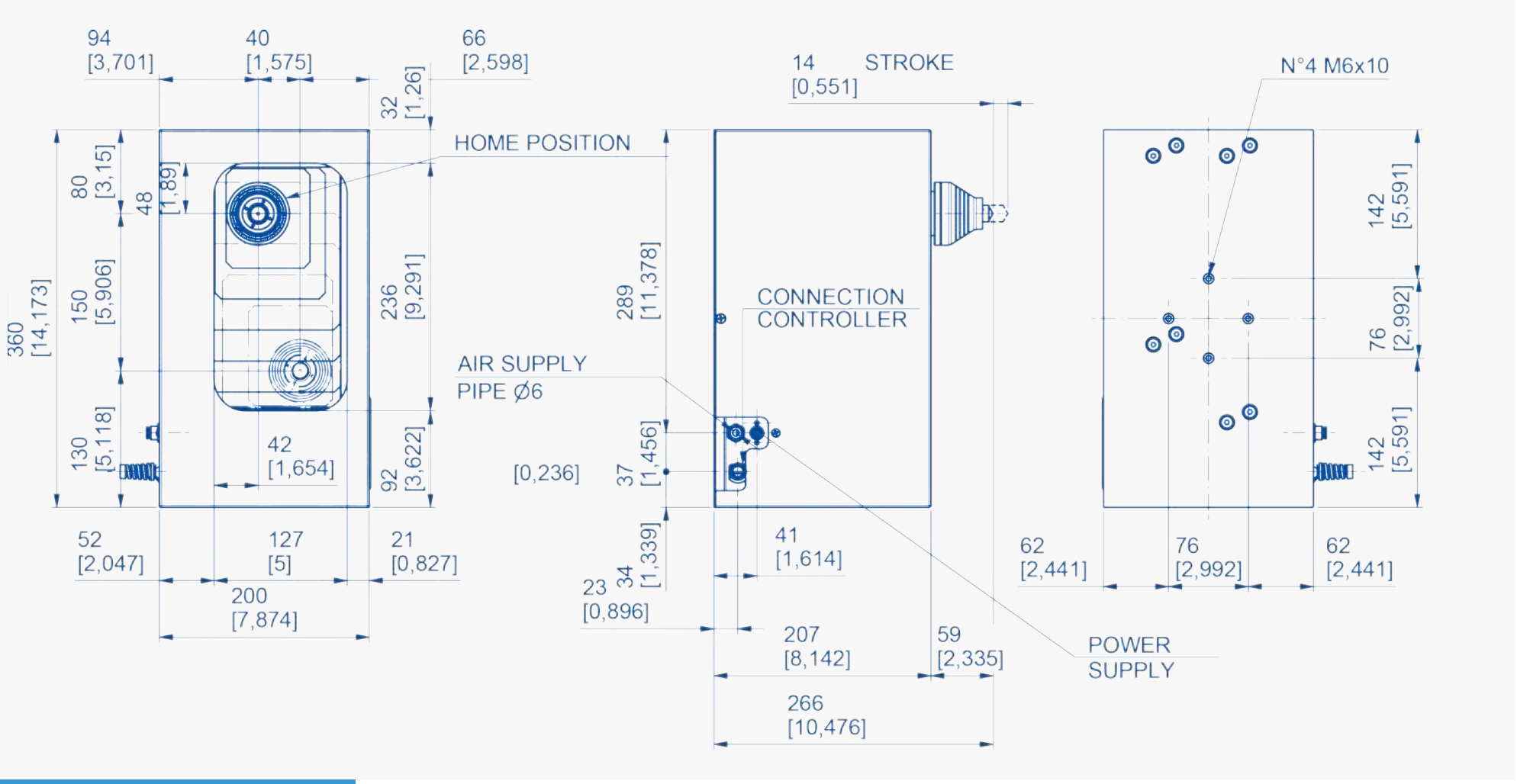


Drawings

ASM6090 SCRIBE MARKER



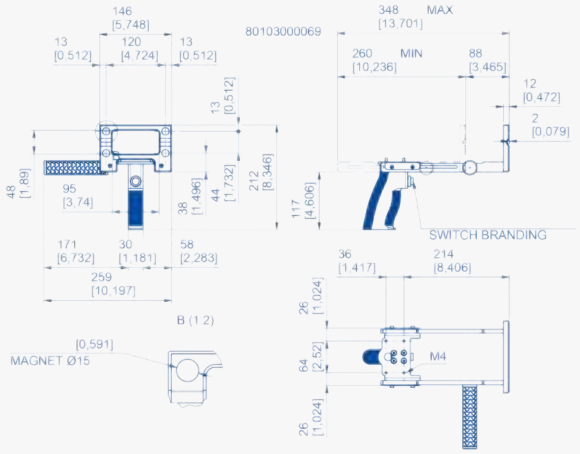
ASM40150
SCRIBE MARKER



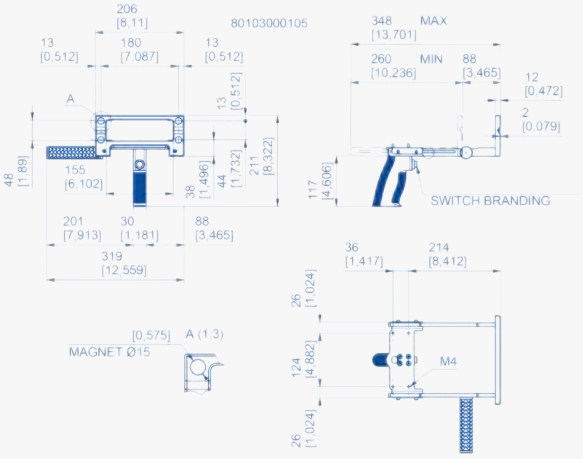
Drawings

HANDHELDS

ADP2560

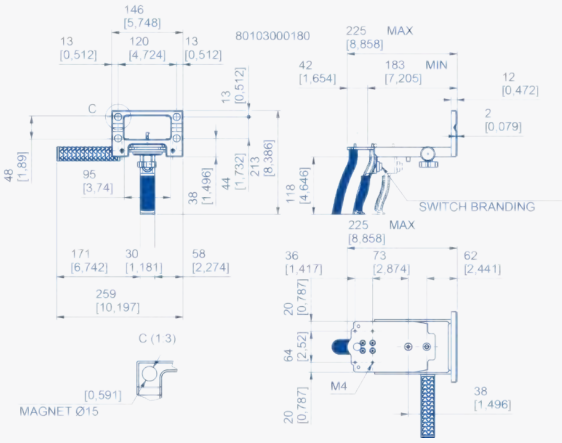


ADP25120



HANDHELDS

ADP2560



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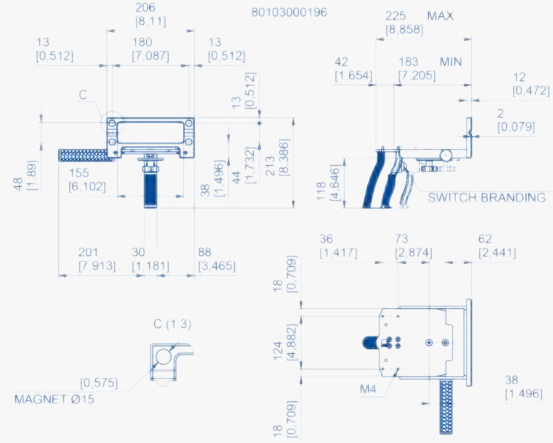
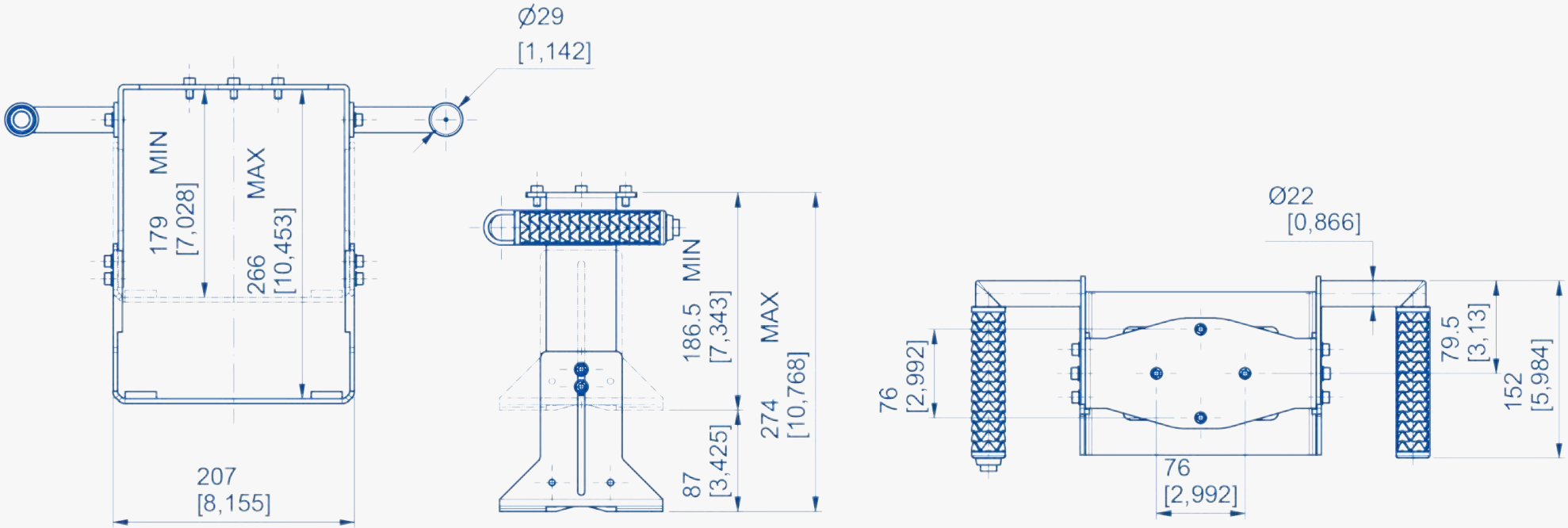


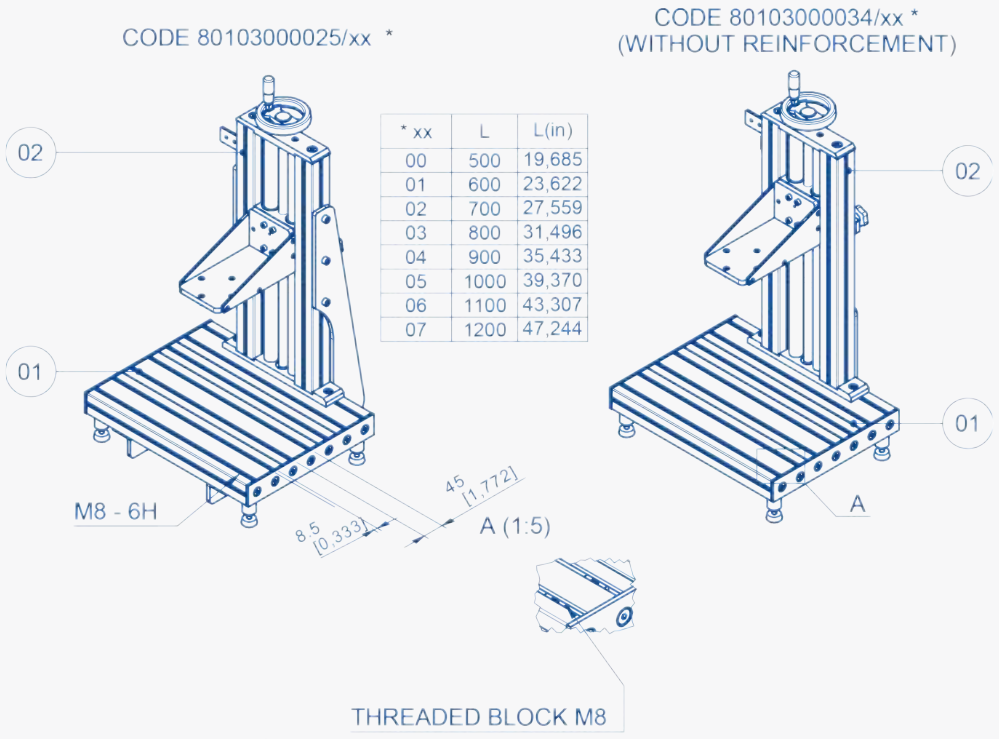
CONVERTIBLE KIT HANDHELD

TWO HANDS HANDHELDS

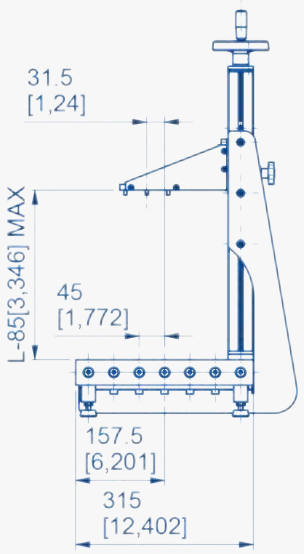


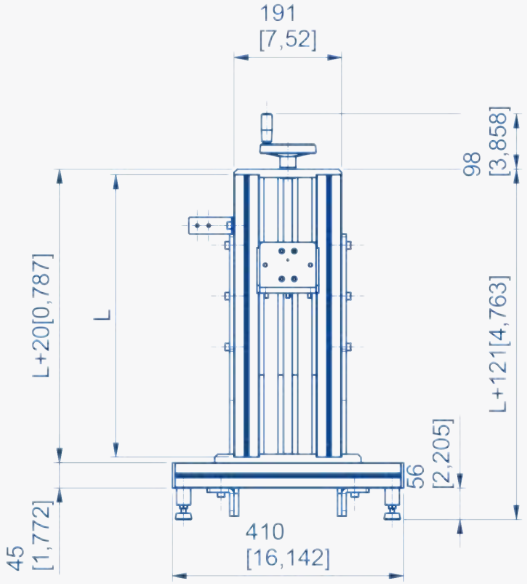
Drawings

STANDARD BENCHTOP KIT – 31,5" AND 39,3" MM OPTIONAL HEIGHTS AVAILABLE



* xx	L	L(in)
00	500	19,685
01	600	23,622
02	700	27,559
03	800	31,496
04	900	35,433
05	1000	39,370
06	1100	43,307
07	1200	47,244





Drawings

STANDARD BENCHTOP KIT - 31,5" AND 39,3" MM OPTIONAL HEIGHTS AVAILABLE

CODE 80103000028/xx *

* xx	L	L(in)
00	500	19,685
01	600	23,622
02	700	27,559
03	800	31,496
04	900	35,433
05	1000	39,370
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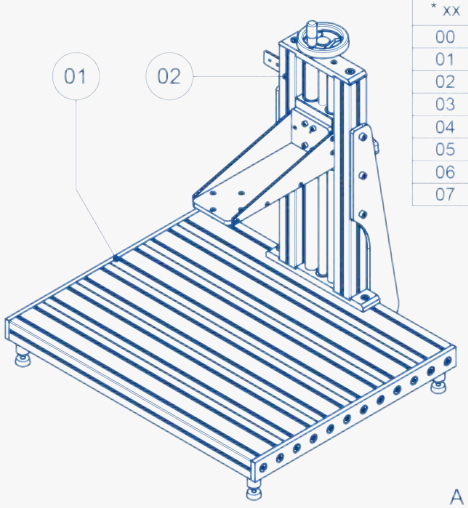

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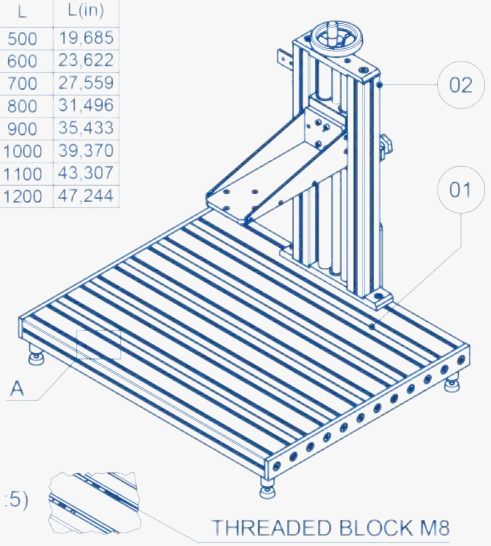
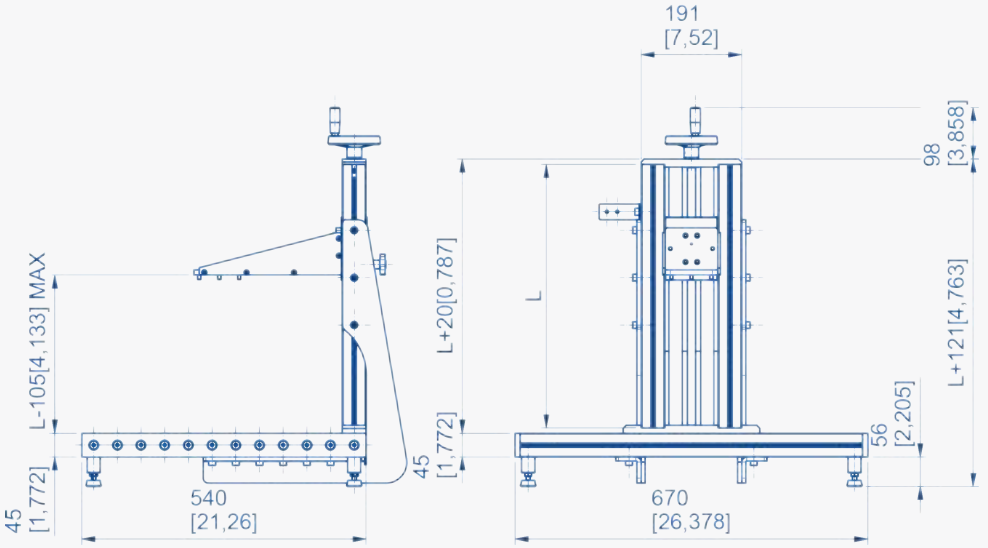
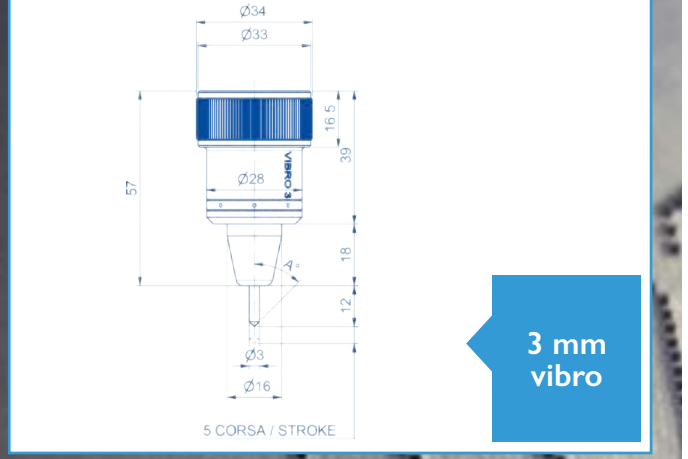
(WITHOUT REINFORCEMENT)



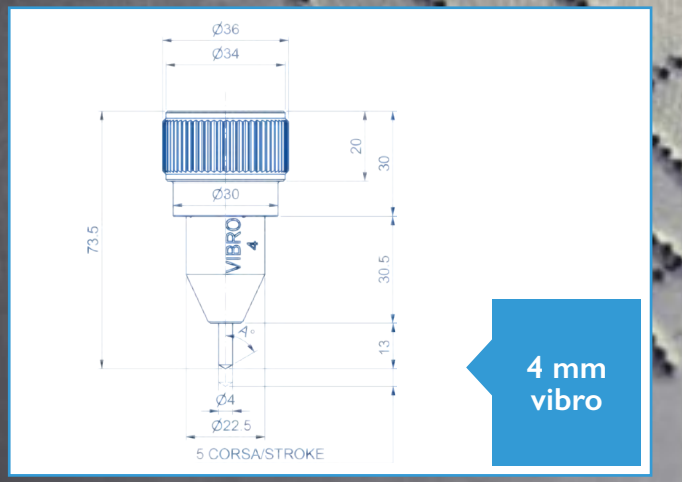


Drawings

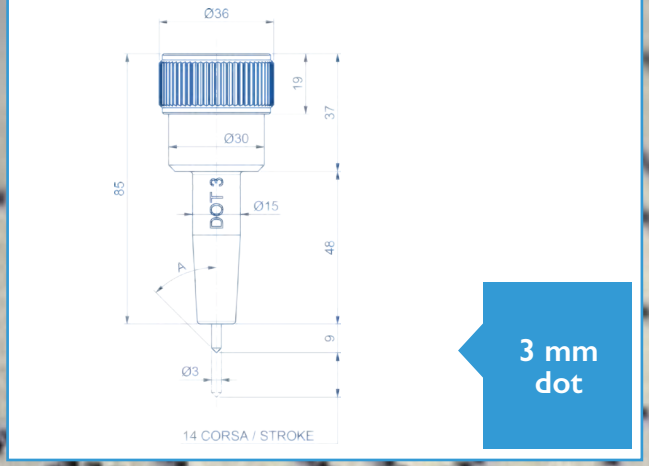
PINS



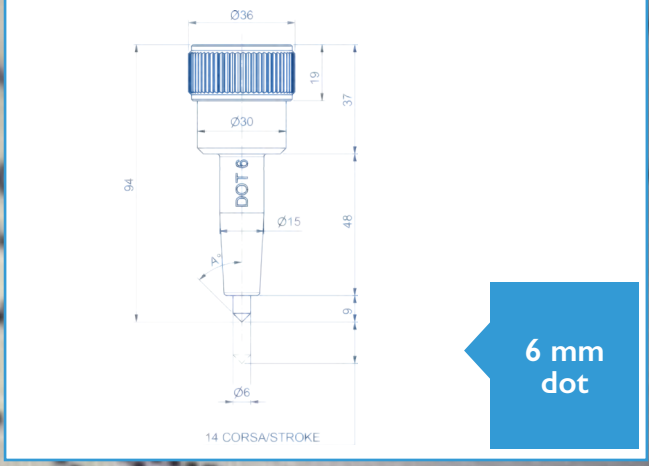
3 mm vibro



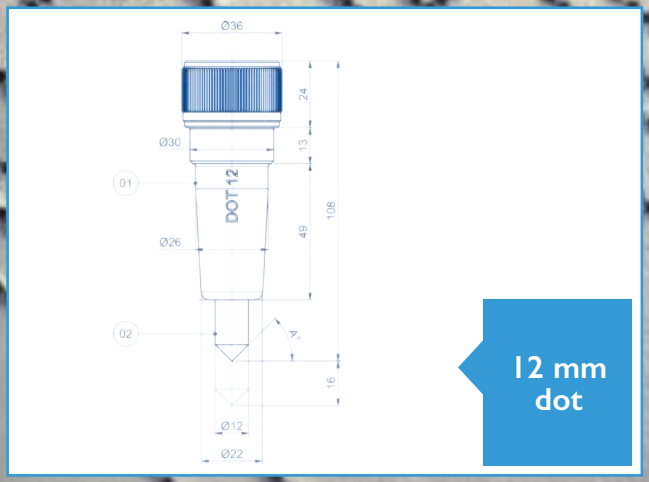
4 mm vibro



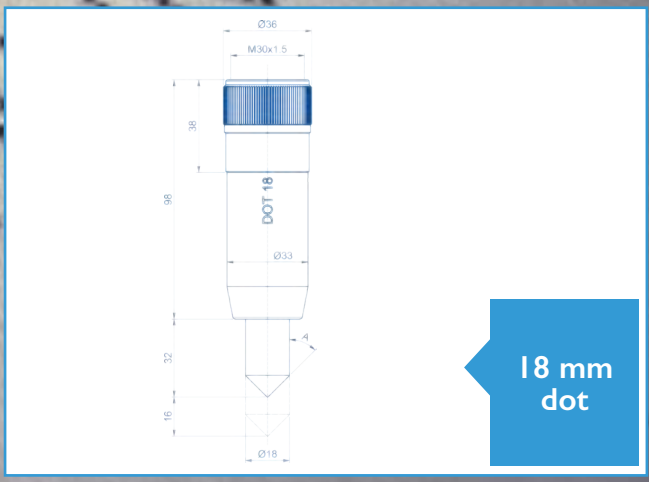
3 mm dot



6 mm dot

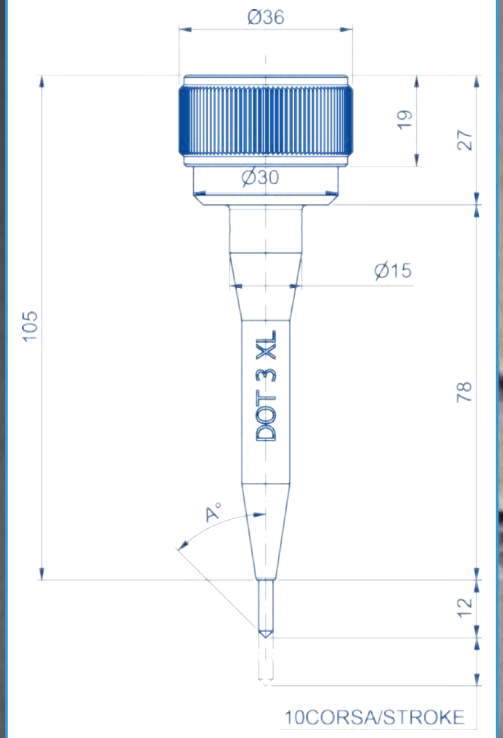


12 mm dot

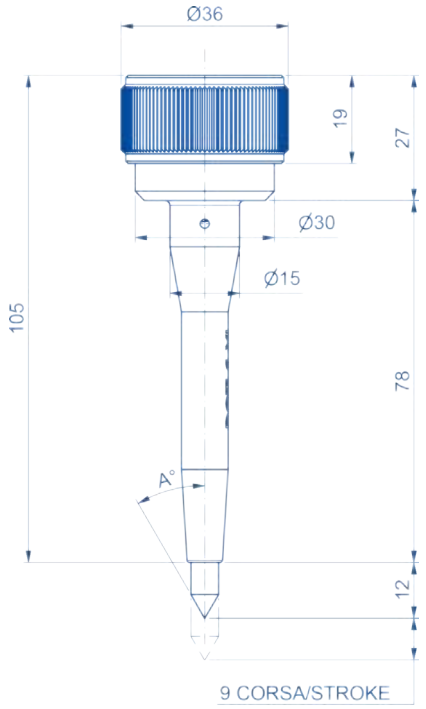


18 mm dot

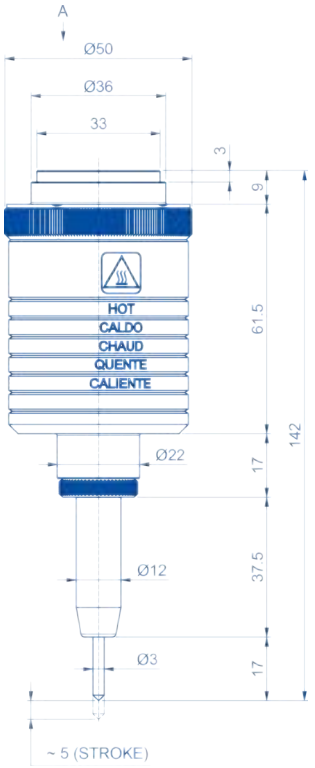
Drawings



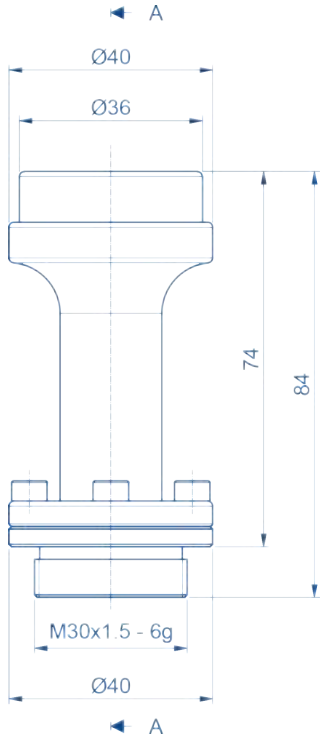
3 mm XL dot



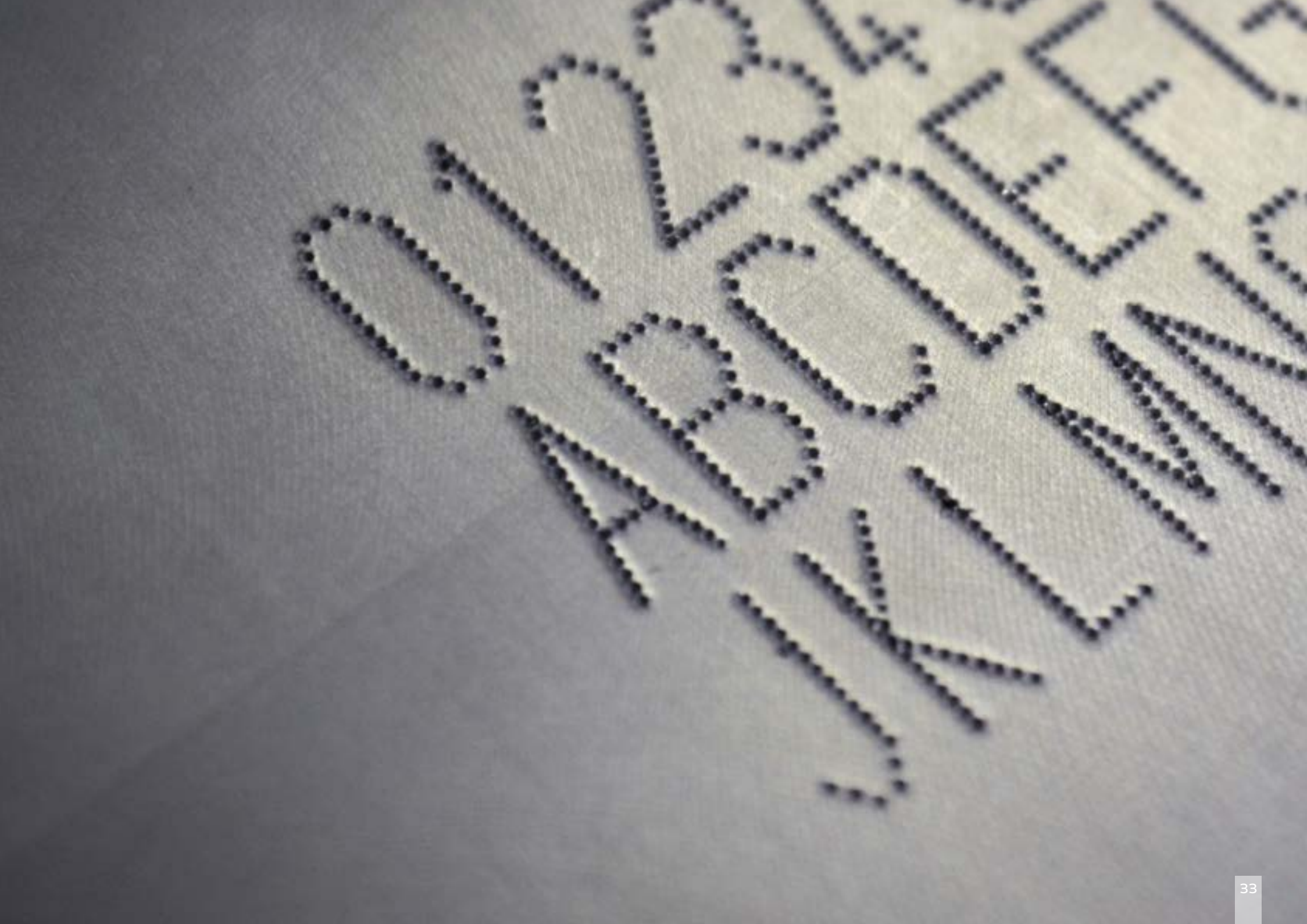
6 mm XL dot



3 mm electro



Vibro dot extension



DOT PEEN MARKERS COMPARISON

FEATURES	ADP 2560	ADP25120	ADP5090	ADP120160	120160 DEEP	ADP300400	SCRIBE ASM6090	SCRIBE 40150
MARKING AREA	25x60 mm	25x120 mm	50x90 mm	120x160 mm	120x160 mm	300x400 mm	60x90 mm	40x150 mm
CONTROLLER	AC500 - AC250	AC500 - AC250	AC500 - AC250	AC500 - AC250	AC500 - AC250	AC500 - AC250	AC500	AC500
PORTABLE	Yes	Yes	Yes	Yes	Consult the company	No	Consult the company	Consult the company
BENCHTOP	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
INTEGRATION	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DOT PIN								
3 mm	x	x	x	x		x		
3 XL mm	x	x	x	x		x		
6 mm	x	x	x	x		x		
6 XL mm	x	x	x	x		x		
12 mm	x	x	x	x	x	x		
18 mm	x	x	x	x	x	x		
VIBRO PIN								
3 mm	x	x	x	x		x		
4 mm	x	x	x	x		x		
ELECTRIC PIN								
3 mm	x	x	x	x		x		
SCRIBE PIN								
16 mm								x
4 mm							x	
NOISE	Moderate	Moderate	Moderate	Moderate	Moderate	Moderate	Very low	Very low
COMPUTER-HOST INTERFACE	Yes (RS232-ETH)	Yes (RS232-ETH)	Yes (RS232-ETH)	Yes (RS232-ETH)	Yes (RS232-ETH)	Yes (RS232-ETH)	Yes (RS232-ETH)	Yes (RS232-ETH)
COMPUTER REQUIRED	No	No	No	No	No	No	No	No
SPEED	Over 5 car/sec	Over 5 car/sec	Over 5 car/sec	Over 5 car/sec	Over 5 car/sec	Over 5 car/sec	Over 3 car/sec	Over 3 car/sec

DOT PEEN MARKERS COMPARISON

FEATURES	ADP 2560	ADP25120	ADP5090	ADP120160	120160 DEEP	ADP300400	SCRIBE ASM6090	SCRIBE 40150
TYPES MAXIMUM HEIGHT	25 mm	25 mm	50 mm	120 mm	120 mm	300 mm	60 mm	100 mm
SOFTWARED DRIVEN Z AXIS	Yes	Yes	Yes	Yes	Consult the company	Consult the company	No	No
NUMBER OF PINS	1	1	1	1	1	1	1	1
LINES	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
ARCS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
TYPES IN CONTINUOUS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
LOGOS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
QR CODES, BAR CODES AND DATAMATRIX	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
SERIES	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DATE CODES	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IRREGULAR SURFACES	Over 10 mm	Over 10 mm	Over 10 mm	Over 10 mm	Over 7 mm	Over 10 mm	Over 7 mm	Over 7 mm
CIRCUMFERENCES	Consult the company	Consult the company	Yes	Yes	Yes	Yes	No	No
N° OF FONTS	3	3	3	3	3	3	3	3
FONT FROM THE CUSTOMER	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
RESOLUTION	Over 700 px/cm	Over 700 px/cm	Over 700 px/cm	Over 700 px/cm	Over 700 px/cm	Over 700 px/cm	in continuous	in continuous
POWER	100-240 Vac 50-60 Hz	100-240 Vac 50-60 Hz	100-240 Vac 50-60 Hz	100-240 Vac 50-60 Hz	100-240 Vac 50-60 Hz	100-240 Vac 50-60 Hz	100-240 Vac 50-60 Hz	100-240 Vac 50-60 Hz
AIR SUPPLY	1-7 Bars	1-7 Bars	1-7 Bars	1-7 Bars	1-10 Bars	1-7 Bars	1-7 Bars	1-7 Bars

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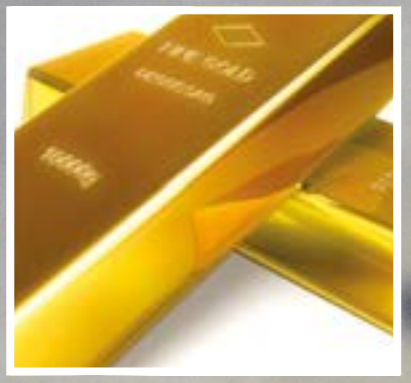

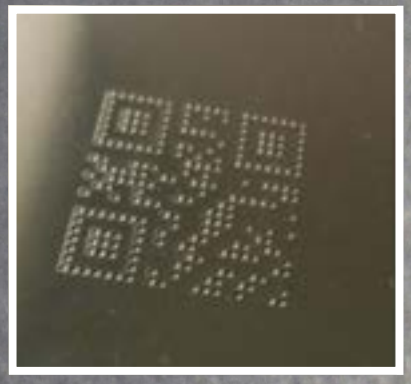
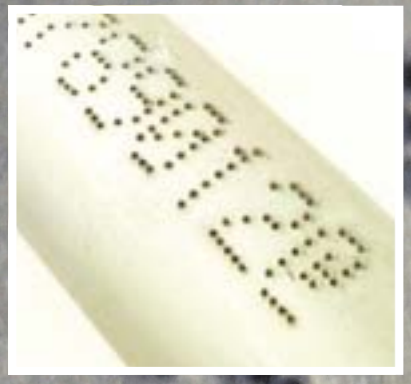

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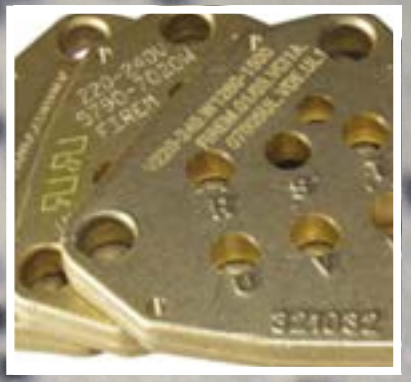

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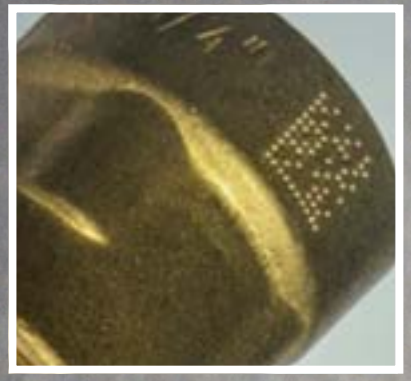

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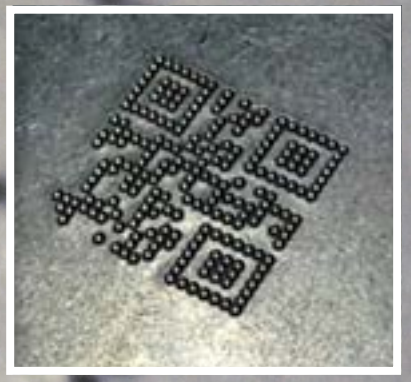

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