

mourgeon s.a

MKTool

www.mktool.com

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



Le Bourroir Ultra-Résistant ***The Wear Ultra Resistant tamping tines***

CATALOGUE GENERAL ***GENERAL CATALOG***

15 Rue Gay Lussac - Zone Industrielle
F-94438 CHENNEVIERES SUR MARNE CEDEX
Tel : +33.1.45.94.20.20 - Fax : +33.1.45.94.46.08
e-mail : mcm@mktool.com - WebSite: www.mktool.com

Tel : +33.1.45.94.20.20 - Fax : +33.01.45.94.46.08 - contact@mktool.com

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.





CERTIFICAT

MKTool

La société AGQS Qualitäts- und Umweltmanagement GmbH confirme que l'entreprise

MKTool GbR
Ripshorster Straße 321
D-46117 Oberhausen

a introduit et maintient,
pour le domaine d'application

developpement et fabrication d'outils de bourrage renforcés au carbure de tungstene destinés à l'entretien de la voie et de pièces d'usure renforcées au carbure de tungstene

sur les sites de

Ripshorster Straße 321, D-46117 Oberhausen und
15, Rue Gay Lussac, F-94438 Chennevières-sur-Marne

un système de management de la qualité. Un audit, documenté dans un rapport, a confirmé que ce système de management remplit les exigences énoncées dans la norme suivante :

DIN EN ISO 9001:2008


 Remscheid, 2010-01-13


 QMS-1 GA-ZM-01-93-00

Audit	QM-212-Ü22
Certificat	QM-212-01-02-1
Valide jusqu'au	2010-11-11
1 ^{re} certification	2001-11-12

AGQS Qualitäts- und Umweltmanagement GmbH	Telefon +49 2191 438 24
Elberfelder Straße 77	Telefax +49 2191 438 26
D-42853 Remscheid	www.agqs.de
	email@agqs.de

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



Représentants MKTOOL

France : **MOURGEON Industrie S.A**

15 rue Gay Lussac - Zone Industrielle

F-94438 Chennevières sur Marne Cedex

Tel : +33 (01) 45.94.20.20, Fax +33 (01) 45.94.46.08

e-mail : michele@mktool.com, HomePage : www.mktool.com

Germany : **NEWAG GmbH & Co KG**

Postfach/POB/PB 12 03 55, D-46103 Oberhausen

Ripshorster Straße 321, D-46117 Oberhausen-Osterfeld

Telefon : +49 (0208) 8 65 03 - 0, Telefax : +49 (0208) 8 65 03 20,

e-mail : info@newag.de, HomePage : www.newag.de

Other Agents on request ...

mourgeon s.a

MKTool

www.mktool.com

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



Notes

Tel : +33.1.45.94.20.20 - Fax : +33.01.45.94.46.08 - contact@mktool.com

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



Conseils d'utilisation

****Vous pouvez facilement trouver la valeur qui vous intéresse en utilisant l'outil de recherche que ce soit pour trouver :****



- ****La longueur de l'outil,****
- ****La largeur ou la hauteur de la palette****
- ****Le type de votre machine ...****

****L'outil main  se transforme en  lorsque vous survolez un lien vers Internet, une adresse e-mail ou une page du document.****

****Ce point d'interrogation  vous apporte des informations complémentaires****

****(Nous restons à votre entière disposition pour toutes informations complémentaires que vous jugeriez nécessaires au 01.45.94.20.20.)****

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



Using Advice

To find out the value you are looking for, pop-up this icon  in the tool bar, whatever you are looking for:

- The length of the tine,
- The wildness or tallness of the pad,
- The type of your machine ...

The handtool  become  when passing over a link to the Web, an e-mailaddress or a page of this catalogue

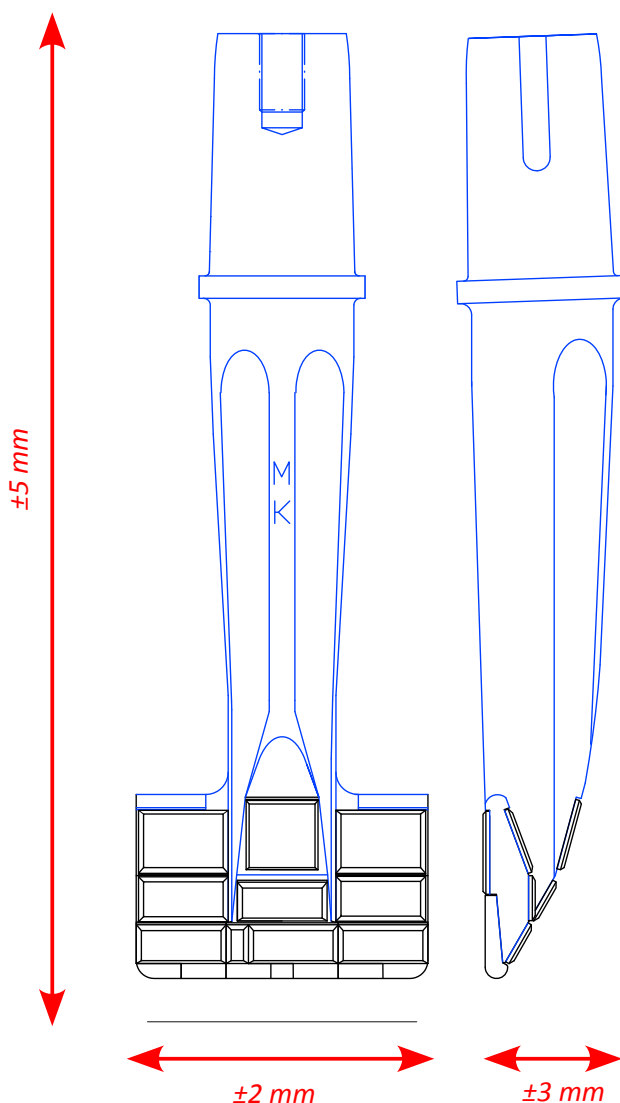
This interrogation point  gives you some more information.

(Should you need any further informations,
please feel free to contact us by phone at
+33.1.45.94.20.20)

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



Tolérances / Tolerances



DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



Table des matières

Mourgeon's Info.....	1
Certificat Iso / Iso certificat.....	2
Représentants MKTOOL.....	3
Notes.....	4
Conseils d'utilisation.....	5
Using Advice.....	6
Tolérances / Tolerances.....	7
MK111.....	12
MK115.....	13
MK124R.....	14
MK131.....	15
MK132.....	16
MK133.....	17
MK145.....	18
MK156.....	19
MK164.....	20
MK166.....	21
MK211R.....	22
MK212R.....	23
MK213R.....	24
MK221R.....	25
MK222R.....	26
MK223R.....	27
MK221RDL.....	28
MK222RDL.....	29
MK231R.....	30
MK232R.....	31
MK233R.....	32

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK241.....	33
MK244.....	34
MK245.....	35
MK251R.....	36
MK252R.....	37
MK253R.....	38
MK311.....	39
MK312.....	40
MK313.....	41
MK314.....	42
MK321.....	43
MK331.....	44
MK421.....	45
MK521.....	46
MK522.....	47
MK523.....	48
P & T Type 07/12 - 420/520 mm.....	49
P & T Type 07/16 - 420 mm.....	50
P & T Type 07/16 - 480 mm.....	51
P & T Type 07/32 - 420 mm.....	52
P & T Type 07/275 - 590 mm.....	53
P & T Type 08/16 - 420 mm.....	54
P & T Type 08/16 - Après/After 2002 - 500 mm.....	55
P & T Type 08/16 Unomatic - 480 mm.....	56
P & T Type 08/16 zz - 420 mm.....	57
P & T Type 08/32U - : 480 mm.....	58
P & T Type 08/32U - 450 mm.....	59
P & T Type 08/32 - 480 mm.....	60
P & T Type 08/75 GS/SP - 480/590 mm.....	61
P & T Type 08/75 ZW - 480/590 mm.....	62
P & T Type 08/275 - 590 mm.....	63

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/275 ZW – 590 mm.....	64
P & T Type 08/275 Unimat et Unimat 3 S – 480/590 mm.....	65
P & T Type EMV – 480 mm.....	66
P & T Type 08-475 LGV – 480 mm.....	67
P & T Type 08-475 4S – Avant/Before 1992 – 445/570 mm.....	68
P & T Type 08/475 4S - Après/After 1993 - 520/570 mm.....	69
P & T Type 08-475 4S - Après/After 2001 - 500 mm.....	70
P & T Type 09-2X – 500 mm.....	71
P & T Type 09-3X (Stopfexpress) – 500 mm.....	72
P & T Type 09-4X (Stopfexpress) – 500 mm.....	73
P & T Type 09 Dynamic – 480 mm.....	74
P & T Type 09 Dynamic – 450 mm.....	75
P & T Type 09/16 CSM – 480 mm.....	76
P & T Type 09/16 CSM – 450 mm.....	77
P & T Type 09/16 4S – Avant/before 2001 – 520/590 mm.....	78
P & T Type 09/16 4S – Après/After 2001 – 500 mm.....	79
P & T Type 09/32 4S – 550 mm.....	80
P & T Type 09/32 CSM – 93/95 – 550 mm.....	81
P & T Type 09/32 CSM – 480 mm.....	82
P & T Type 09/32 CSM – 450 mm.....	83
P & T Type 09/90 – 480 mm.....	84
P & T Type 79/800 W – 590 mm.....	85
P & T Type 108 Framafar – 550 mm.....	86
P & T Type 108/275 – 480/590 mm.....	87
P & T Type 108-475 – 480 mm.....	88
P & T Type 109 Framafar – 550 mm.....	89
P & T Type 4X4 – Après/After 2001 – 500 mm.....	90
P & T Type 4X4C 100-RT – Après/After 2002 – 500 mm.....	91
P & T Type 4S-RT – Après/After 2001 - 500.....	92
P & T Type UST 78 W – 520 mm.....	93
P & T Type UST 79S – 520 mm	94

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



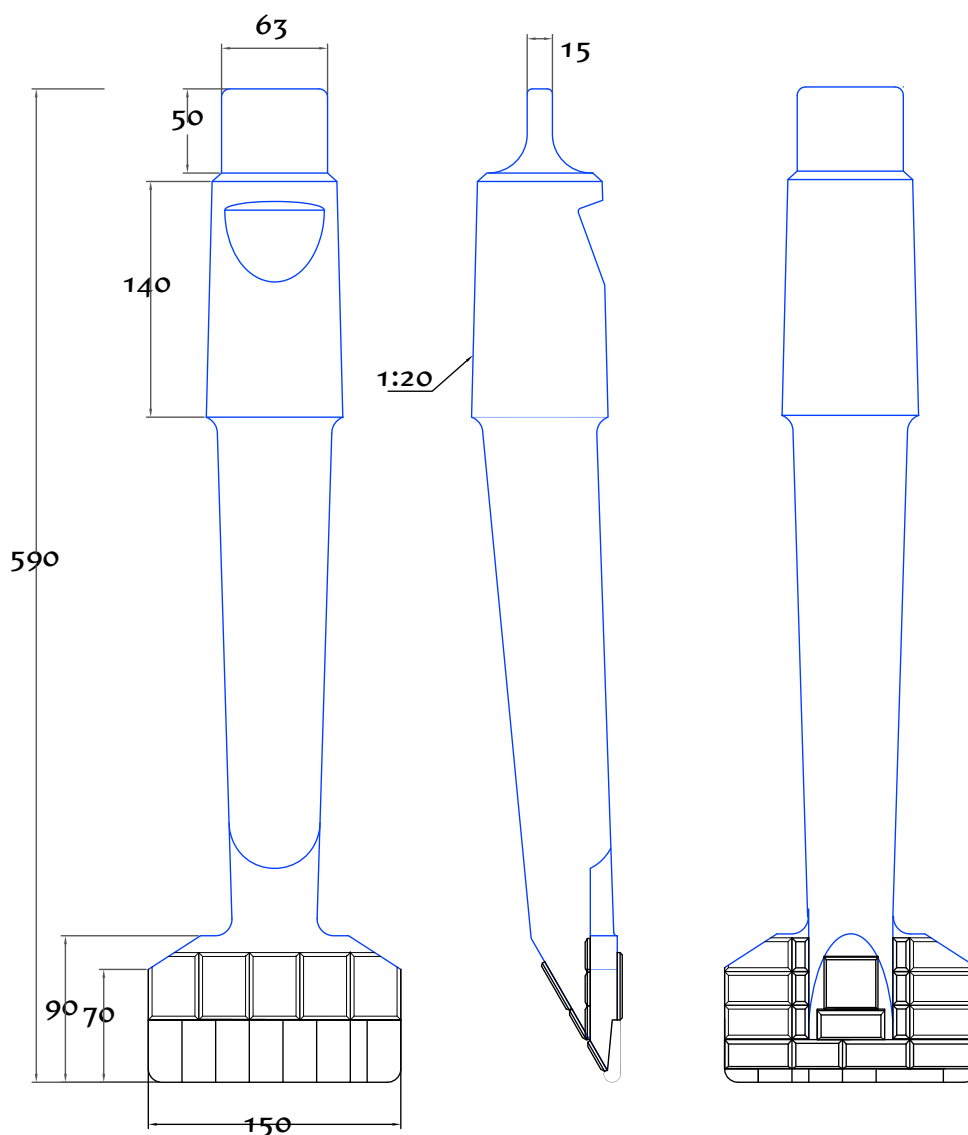
<i>P & T Type UST 79W – 520 mm.....</i>	<i>95</i>
<i>MATISA Type B20BI AC-4 – 510 mm.....</i>	<i>96</i>
<i>MATISA Types Combi20 - B20BI AC-4 – 550 mm.....</i>	<i>97</i>
<i>MATISA Types B30D - B40D - B41D - B45D - B50D – Standard tools 510 mm</i>	<i>98</i>
<i>MATISA Types B45D – B50D – 550 mm.....</i>	<i>99</i>
<i>MATISA Types B40U - B41U - B66U - 530 mm.....</i>	<i>100</i>
<i>MATISA Types B40UE - B41UE - B66UE - 530 mm.....</i>	<i>101</i>
<i>MATISA Types B20L - B30L - B40L - B45L - 510 mm.....</i>	<i>102</i>
<i>MATISA Types B20C - B20-75C - B20-95C - 530 mm.....</i>	<i>103</i>
<i>JACKSON – Voie/Plaine line.....</i>	<i>104</i>
<i>JACKSON – Appareils/switchs – 500 mm.....</i>	<i>105</i>
<i>TAMPER HARSCO.....</i>	<i>106</i>

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK111

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
07/275, 08/275, 108/275, 08/275 Unimat,
08/275 Unimat 3S, 08/275 ZW
08/75 ZW, 08/75-GS/SP, 09/16 4S, 79-800 W,
Beaver Unima I+II



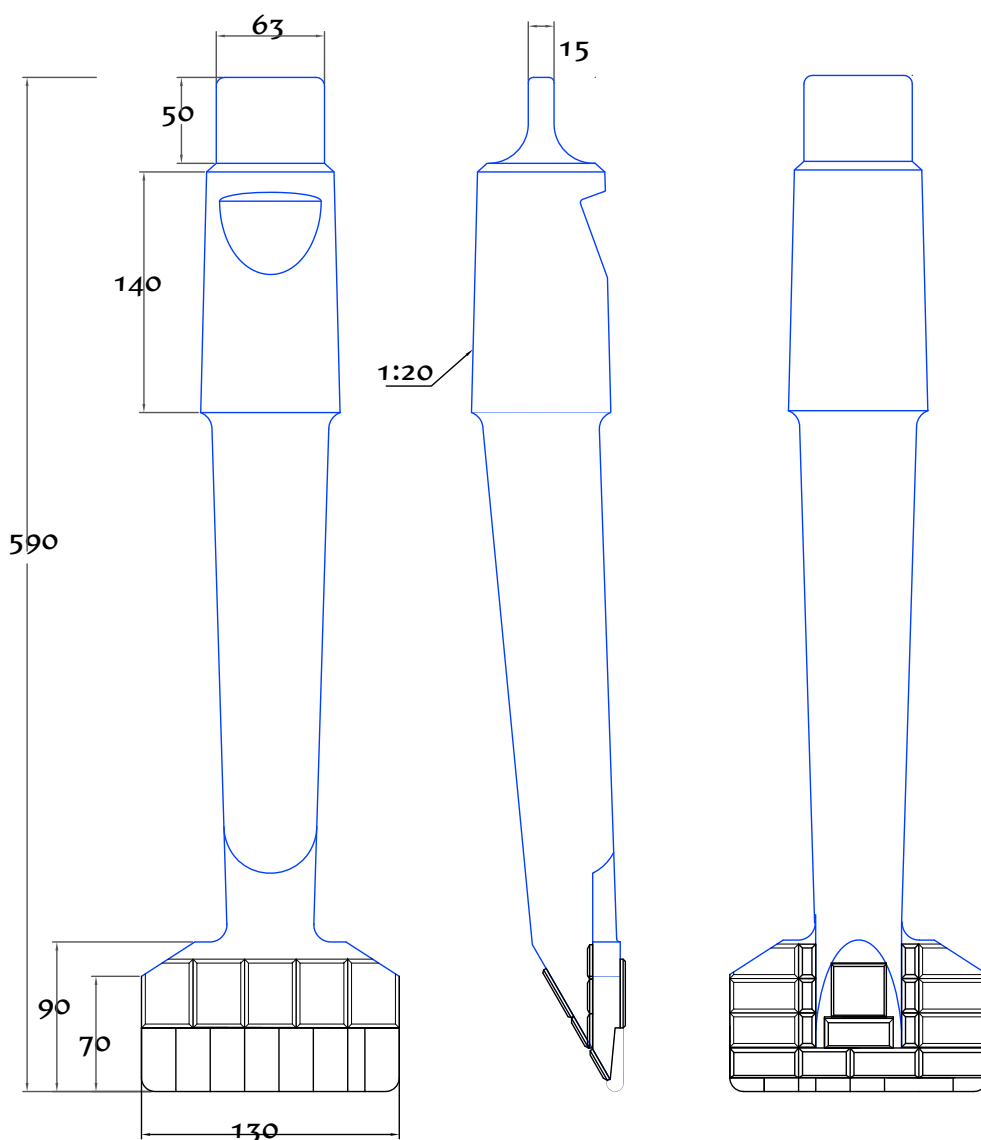
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK115

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
07/275, 08/275, 108/275, 08/275 Unimat,
08/275 Unimat 3S, 08/275 ZW
08/75 ZW, 08/75-GS/SP, 09/16 4S, 79-800 W,
Beaver Unima I+II



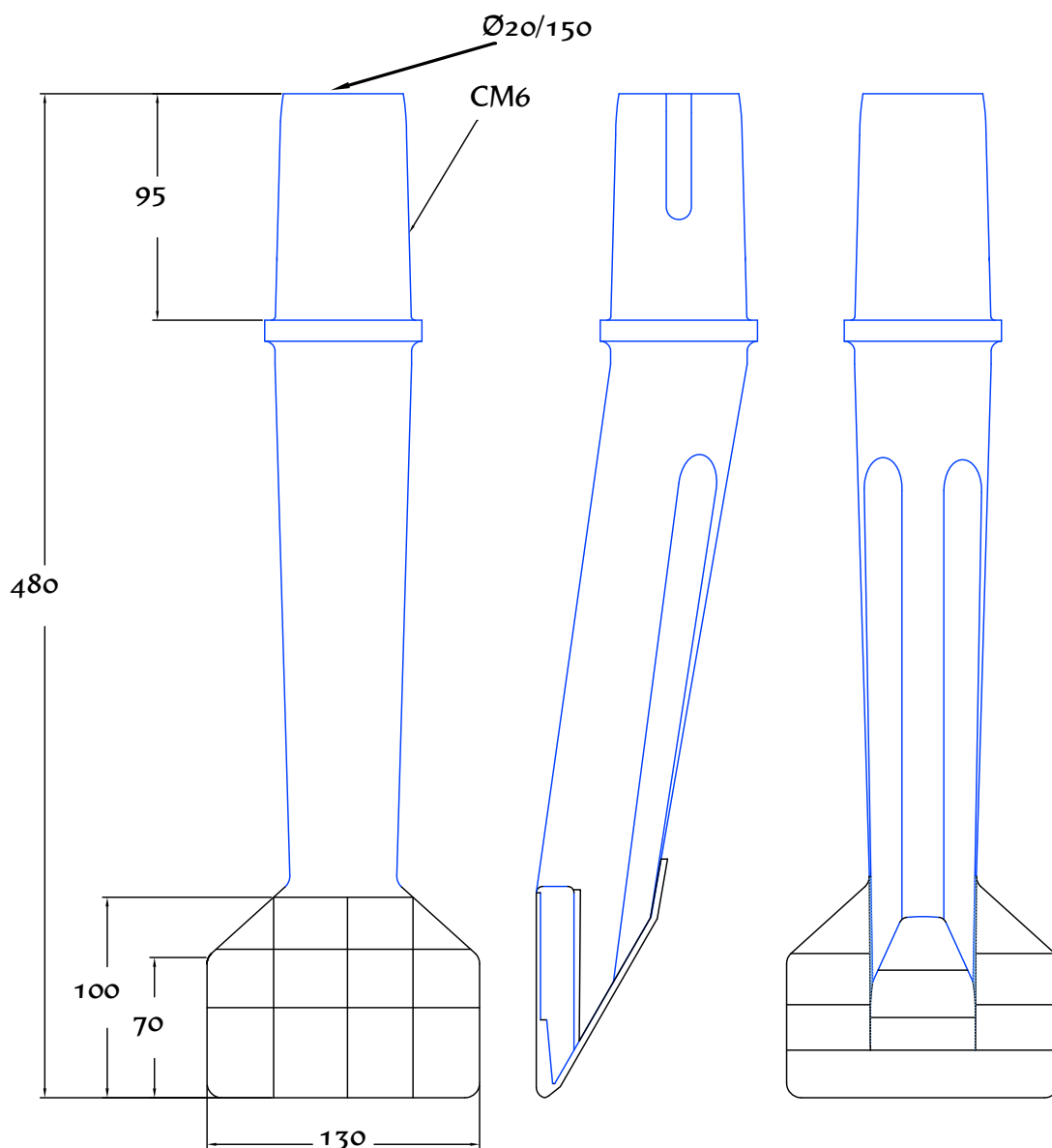
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK124R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
o8/275 Unimat, o8/275 Unimat 3S,
108/275, o8/75 ZW, o8/75-GS/SP,



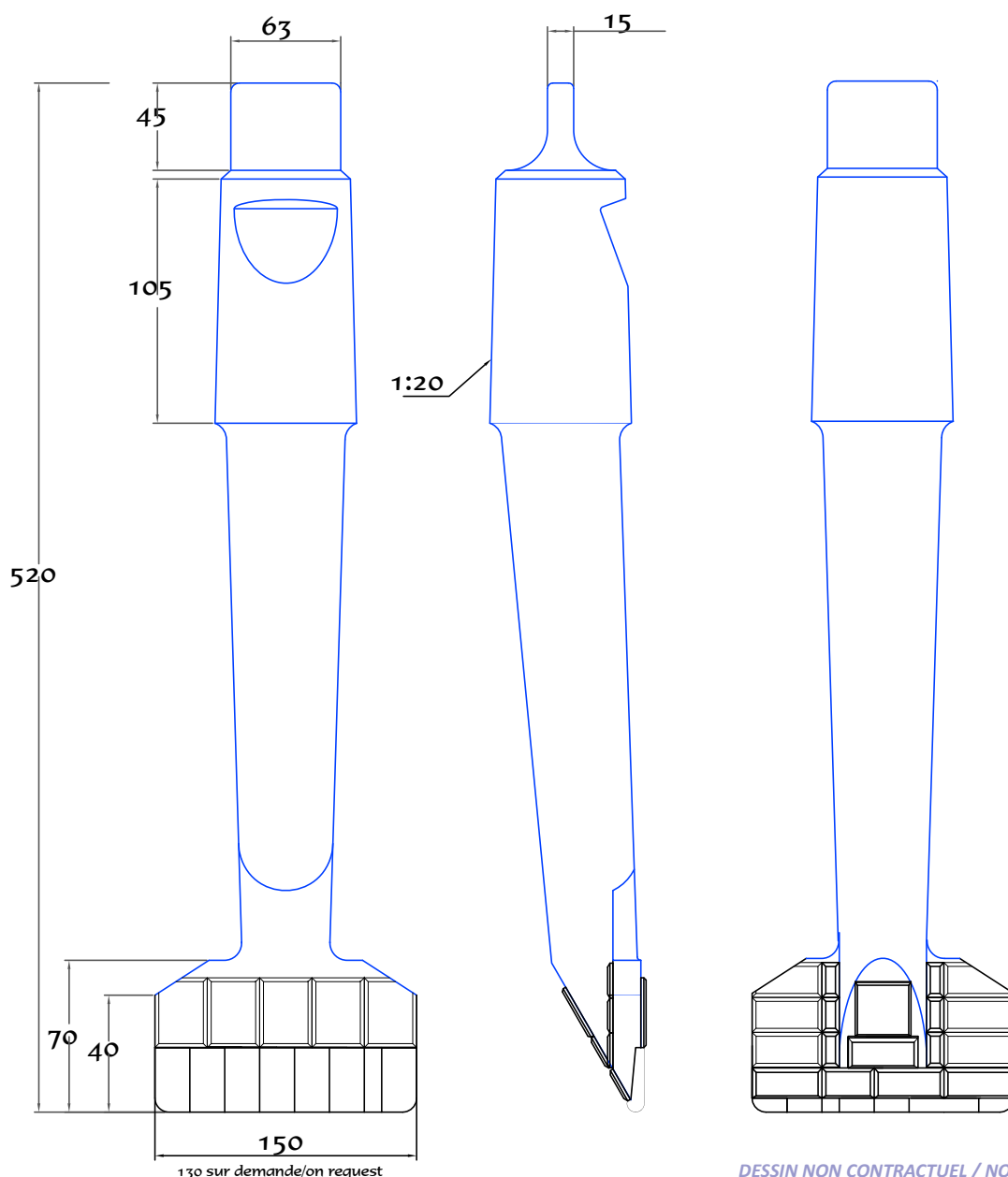
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK131

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
UST 78W, UST 79S & 79W



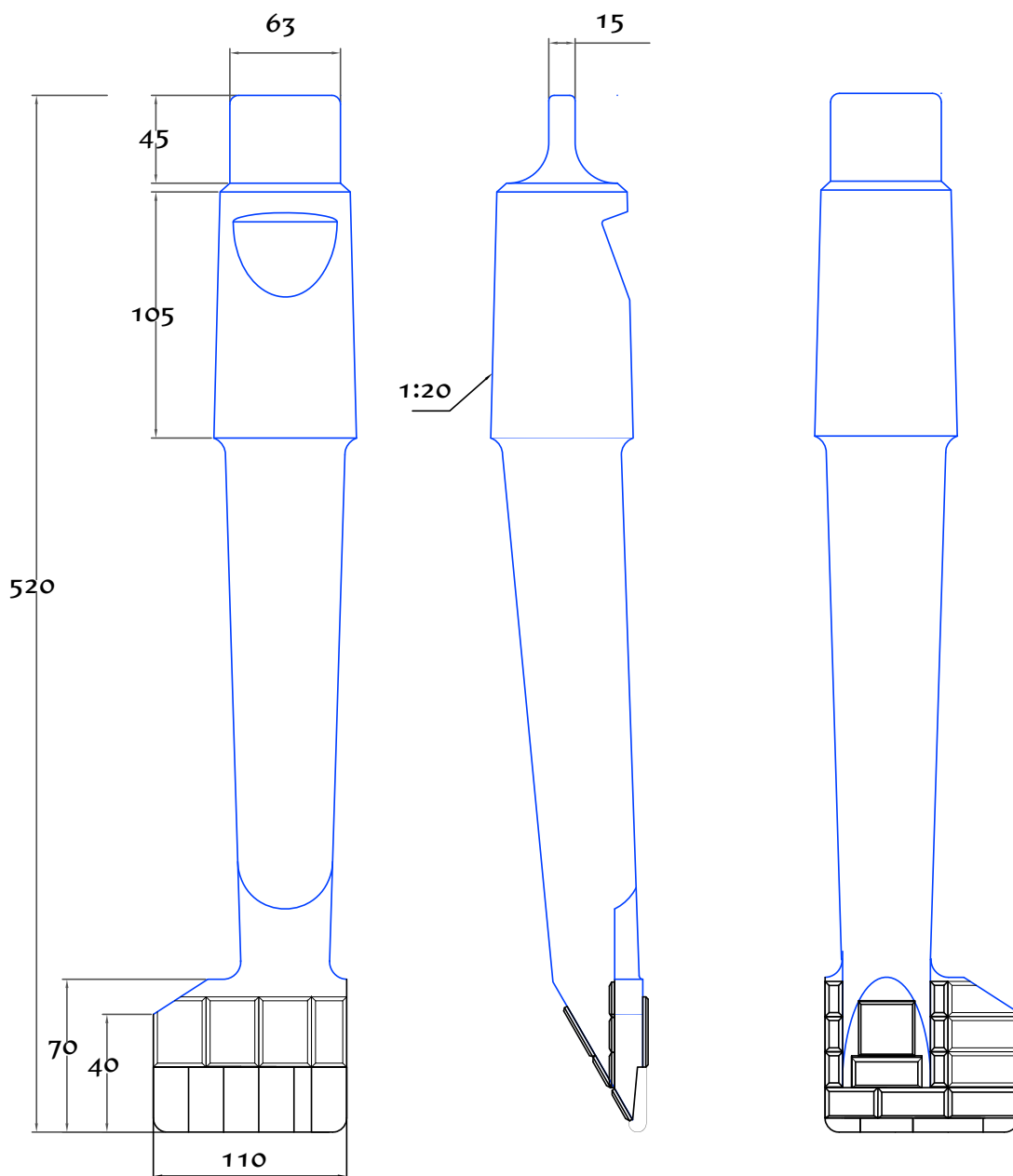
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK132

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
07-12



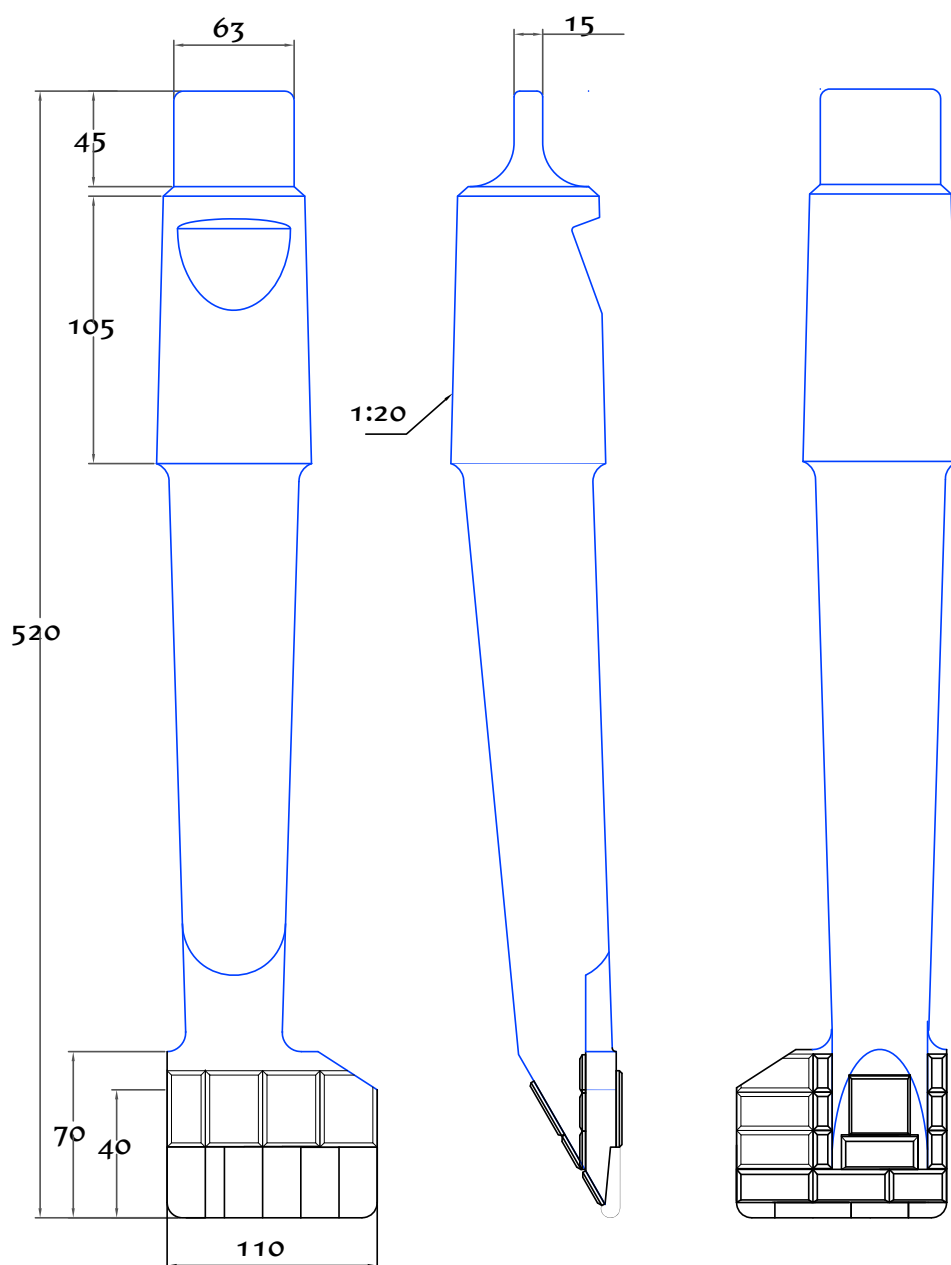
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK133

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
07-12



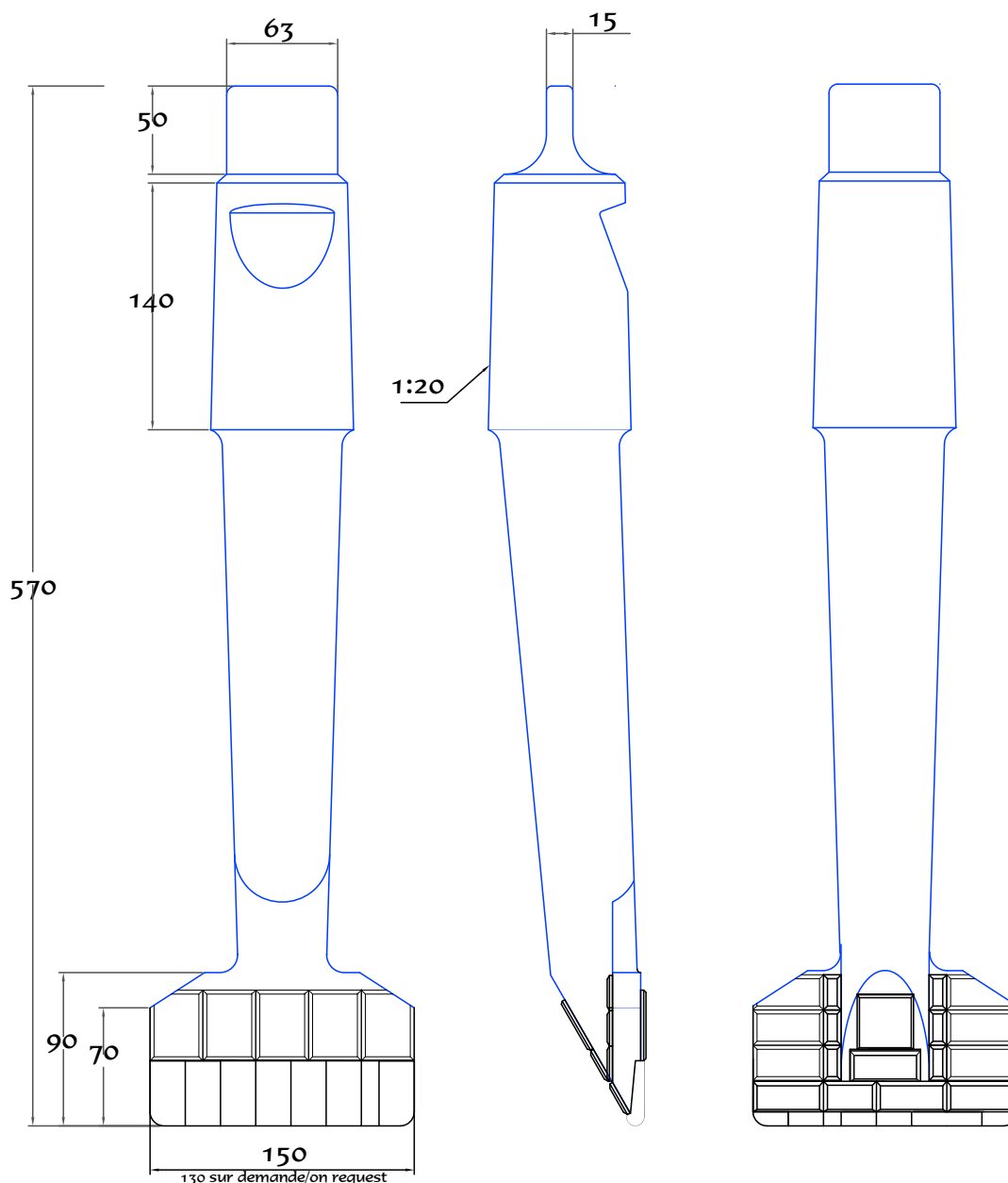
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK145

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
08/475 4S (before 92), 08/475 4s (after 93)



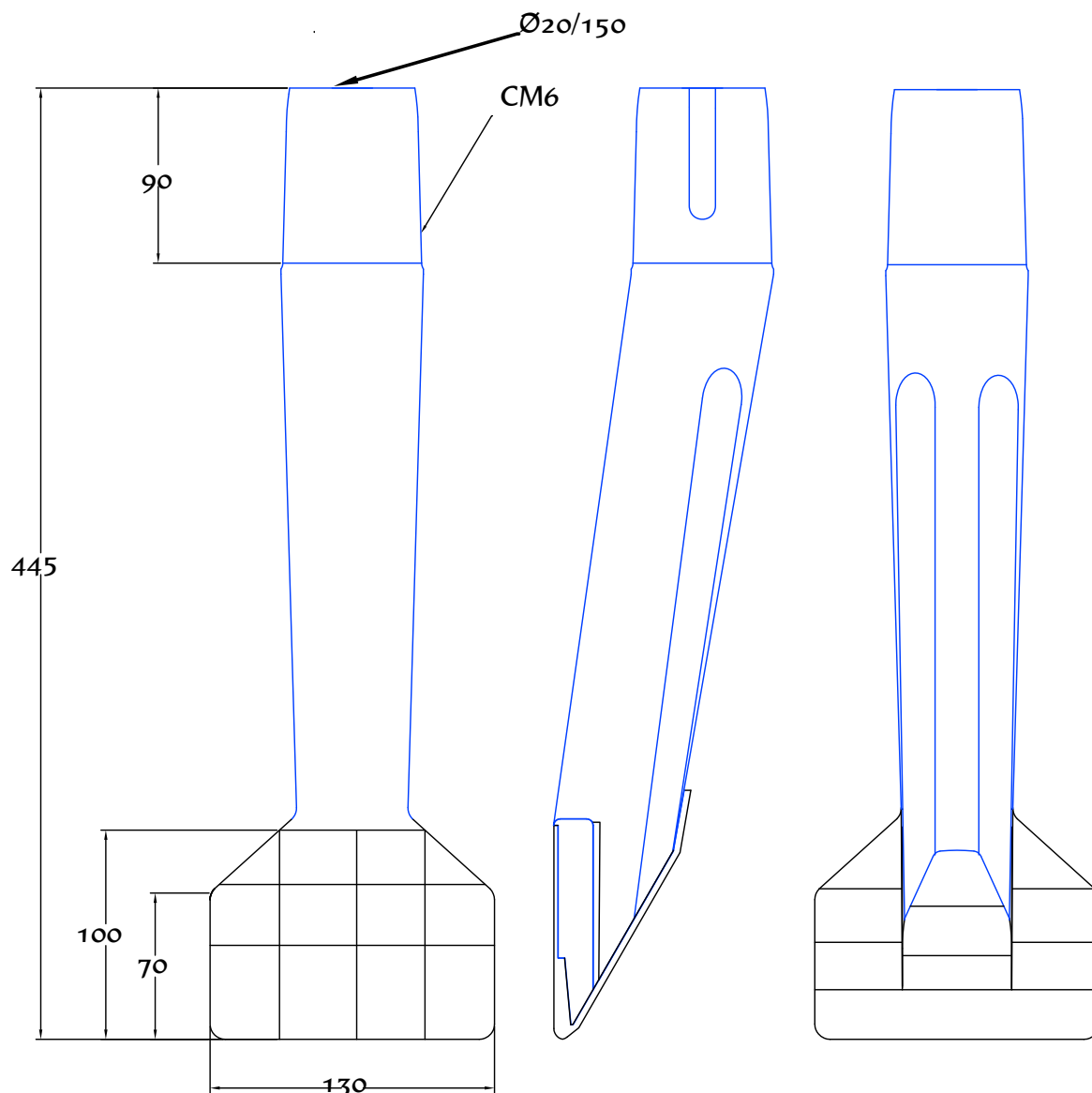
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK156

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
o8/475 4S (beforet 92)



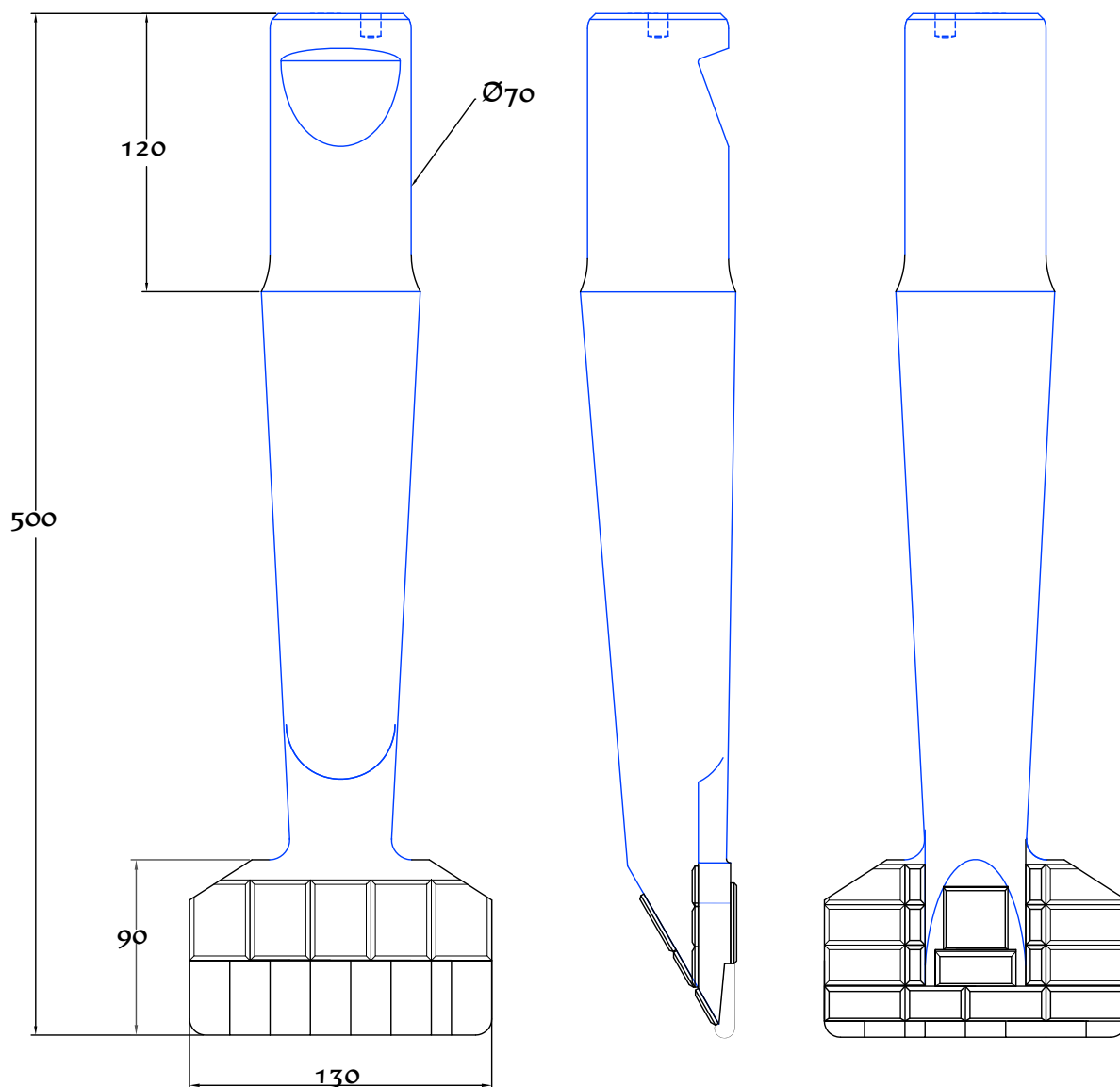
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK164

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
09/16 4S (after 2001), 08/475-4S (after 2001),
4X4 (after 2001), 4S-RT (after 2001)



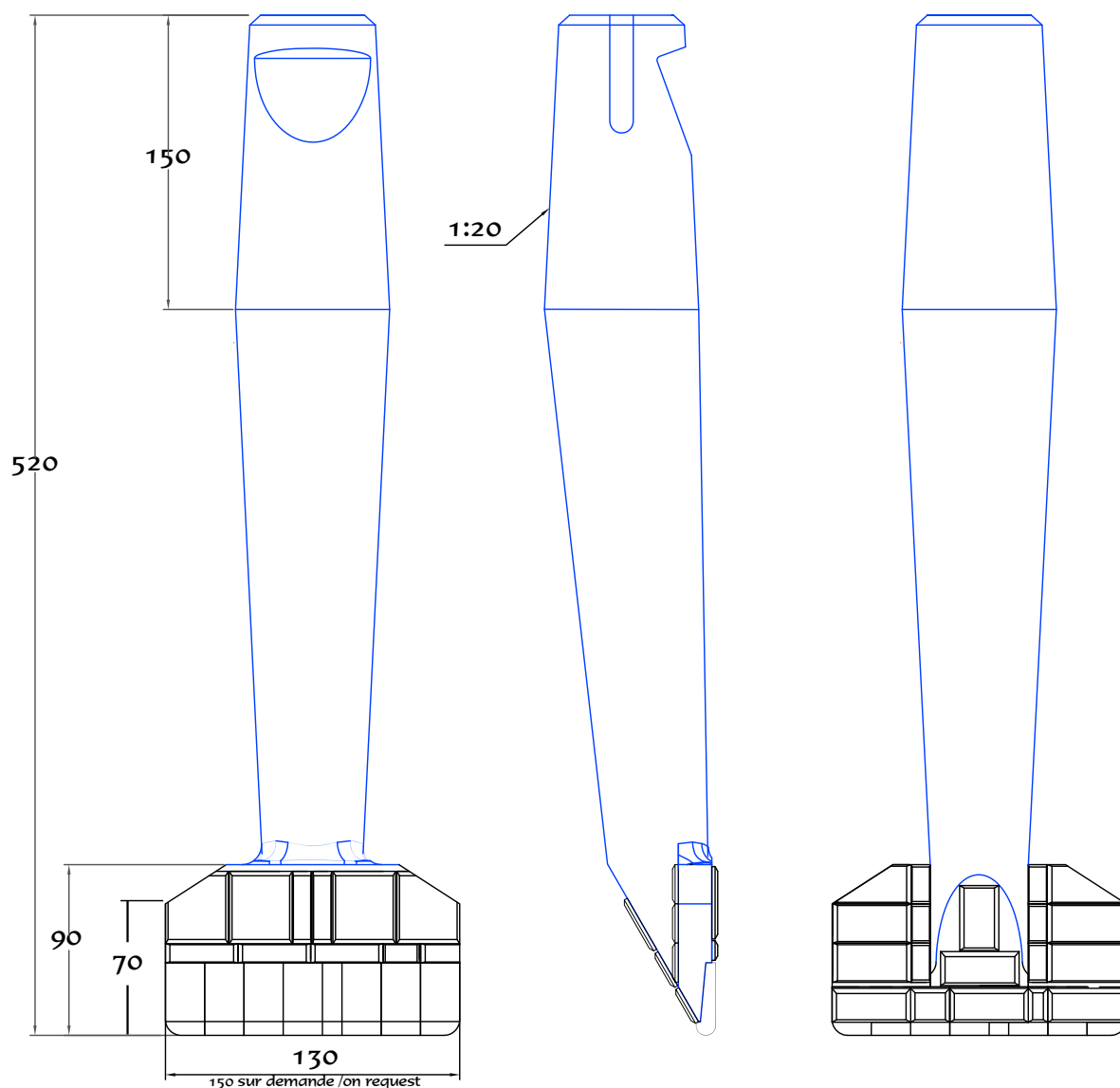
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK166

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
08/475-4S (93->), 09/16 4S



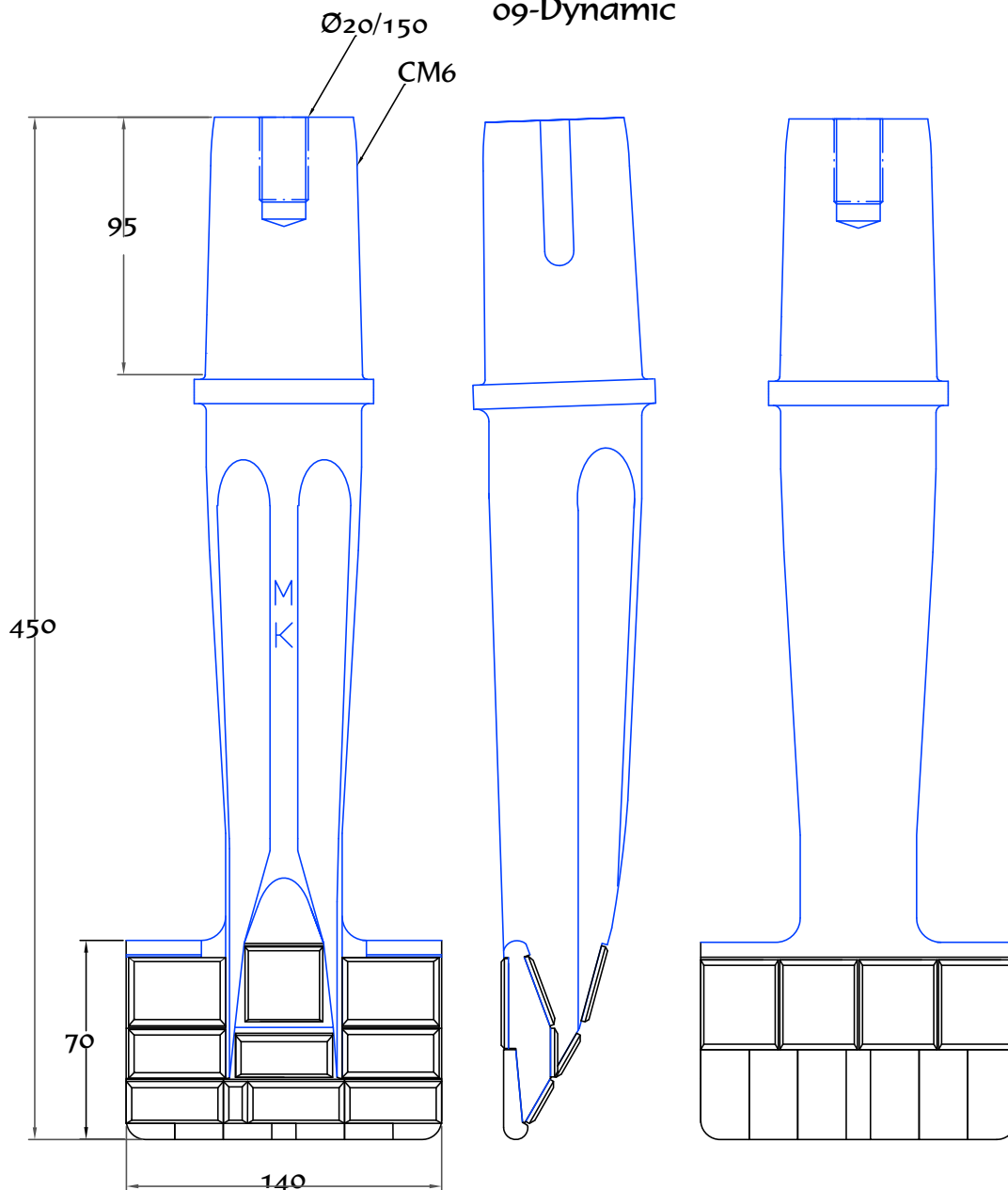
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK211R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
08/32 U, 09/16 CSM, 09/32 CSM
09-Dynamic



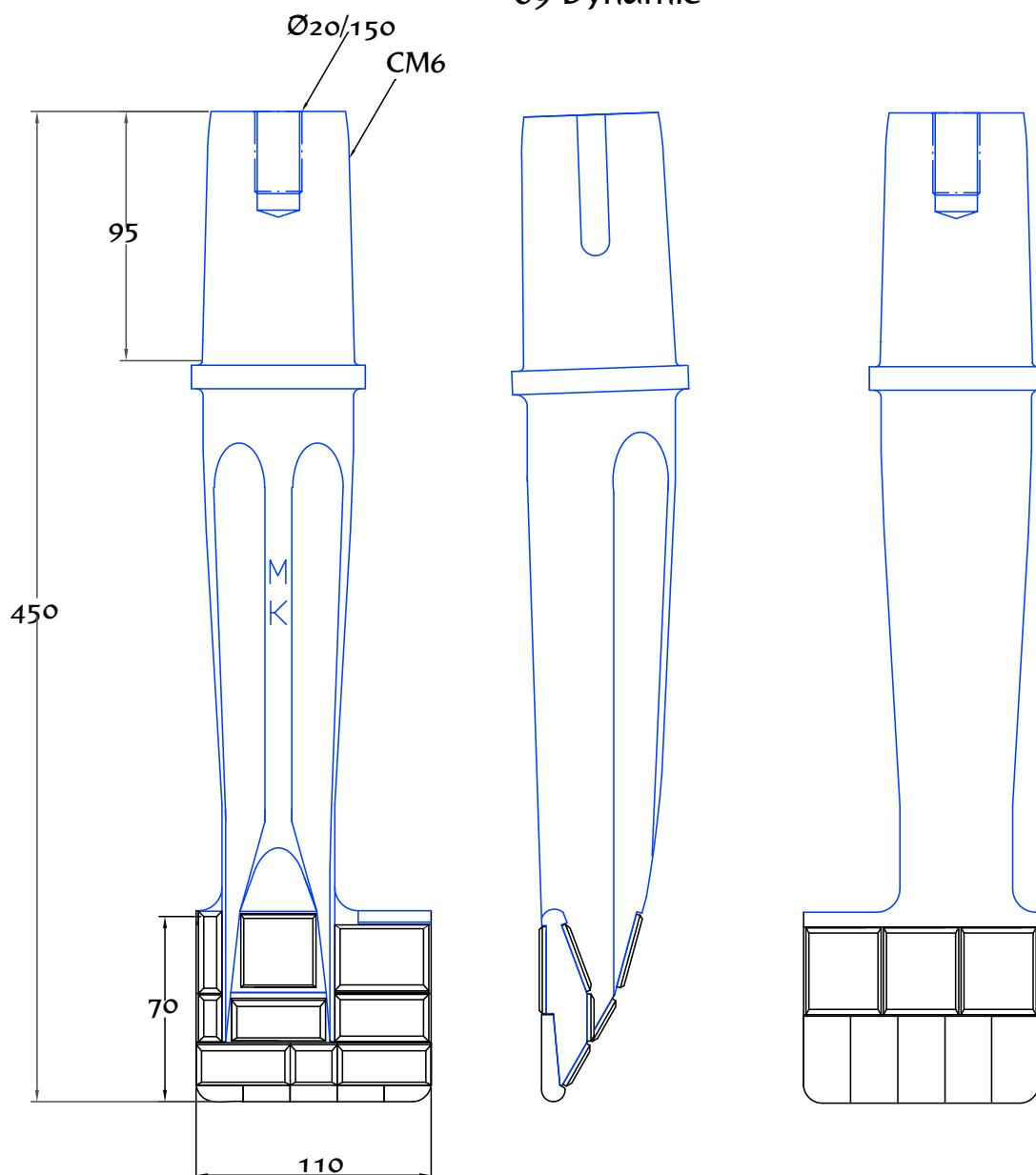
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK212R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
08/32 U, 09/16 CSM, 09/32 CSM
09-Dynamic



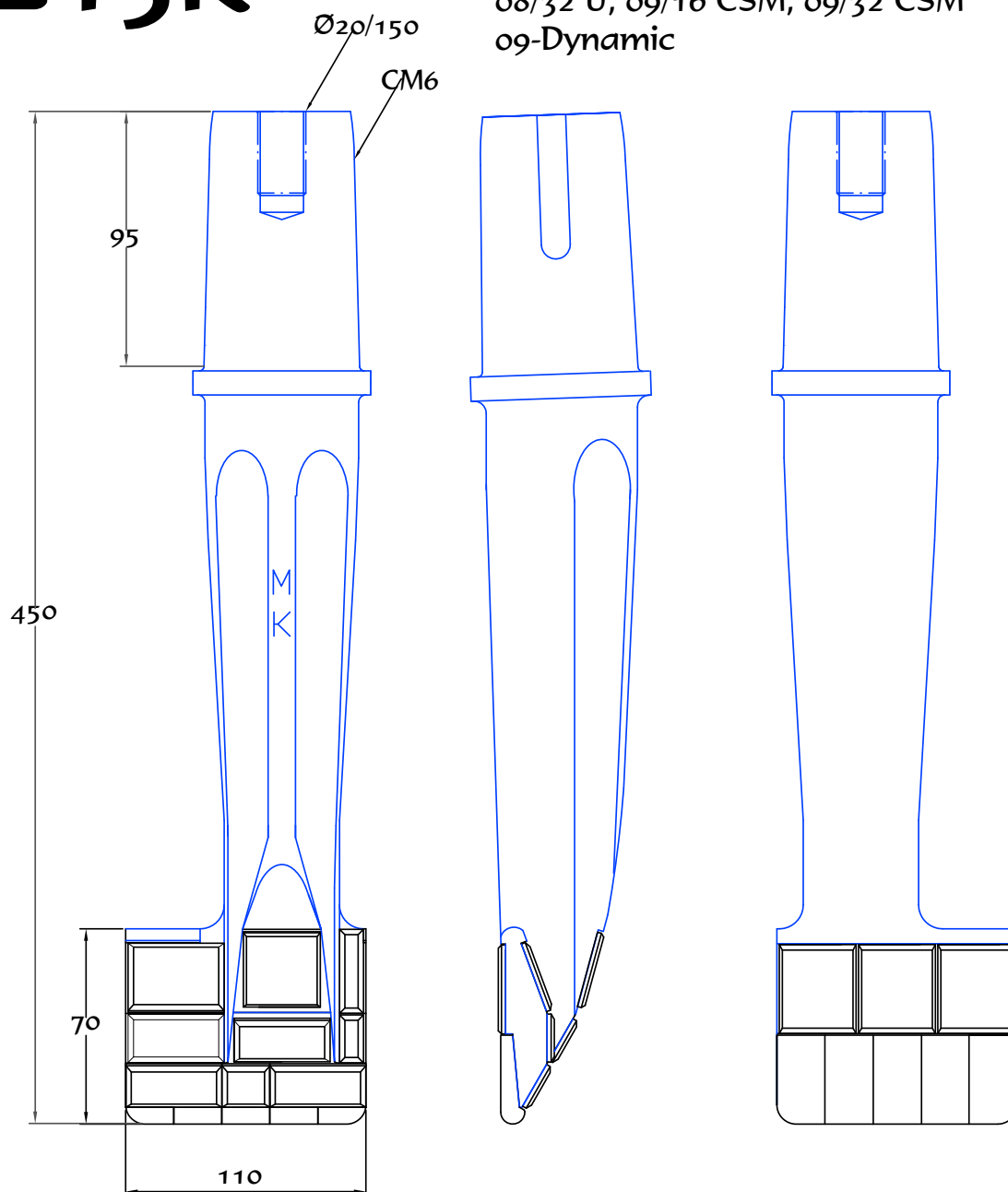
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK213R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
08/32 U, 09/16 CSM, 09/32 CSM
09-Dynamic



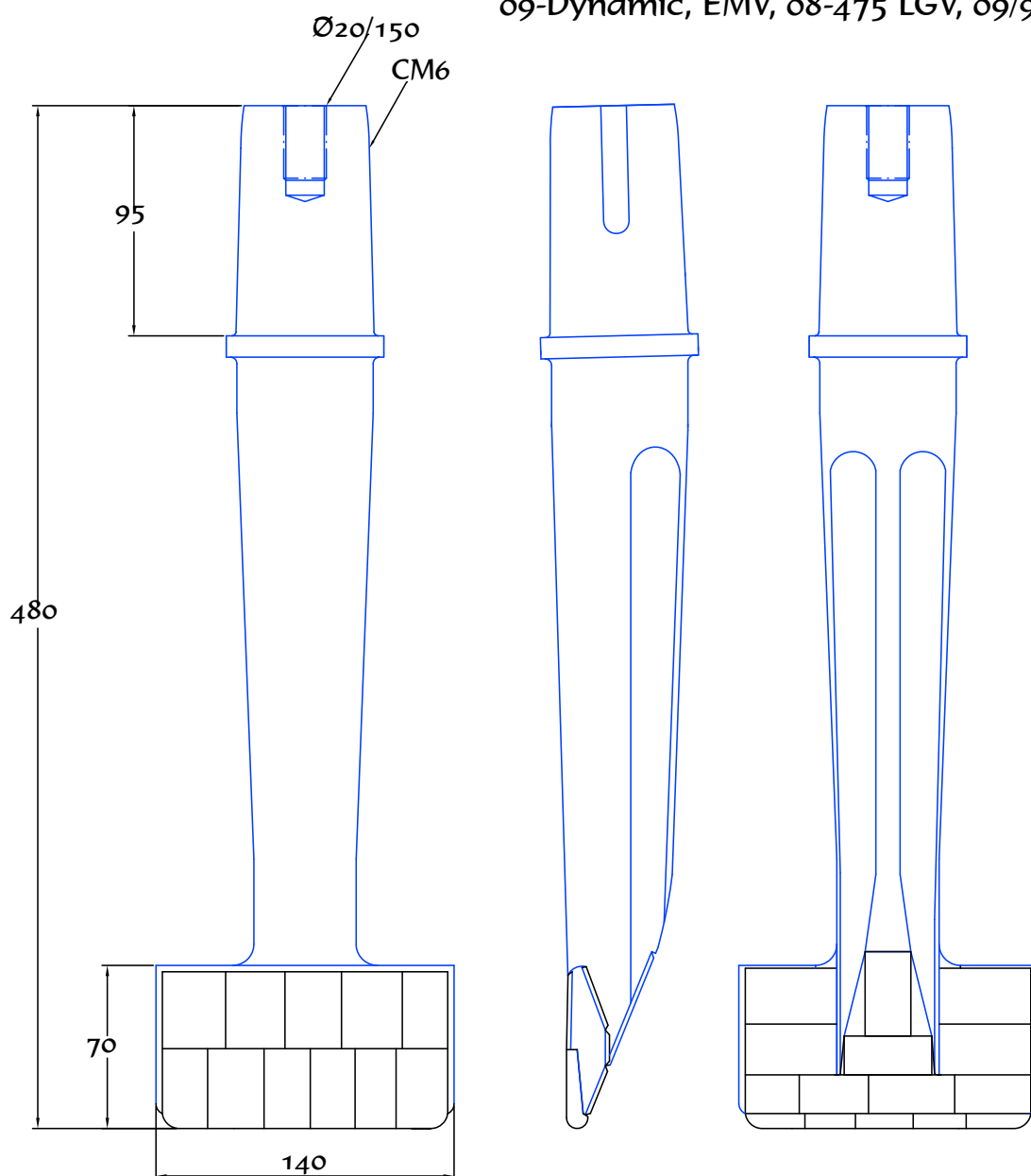
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK221R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
07/16, 08/32, 08/32 U, 09/16 CSM, 09/32 CSM
09-Dynamic, EMV, 08-475 LGV, 09/90, 108-475



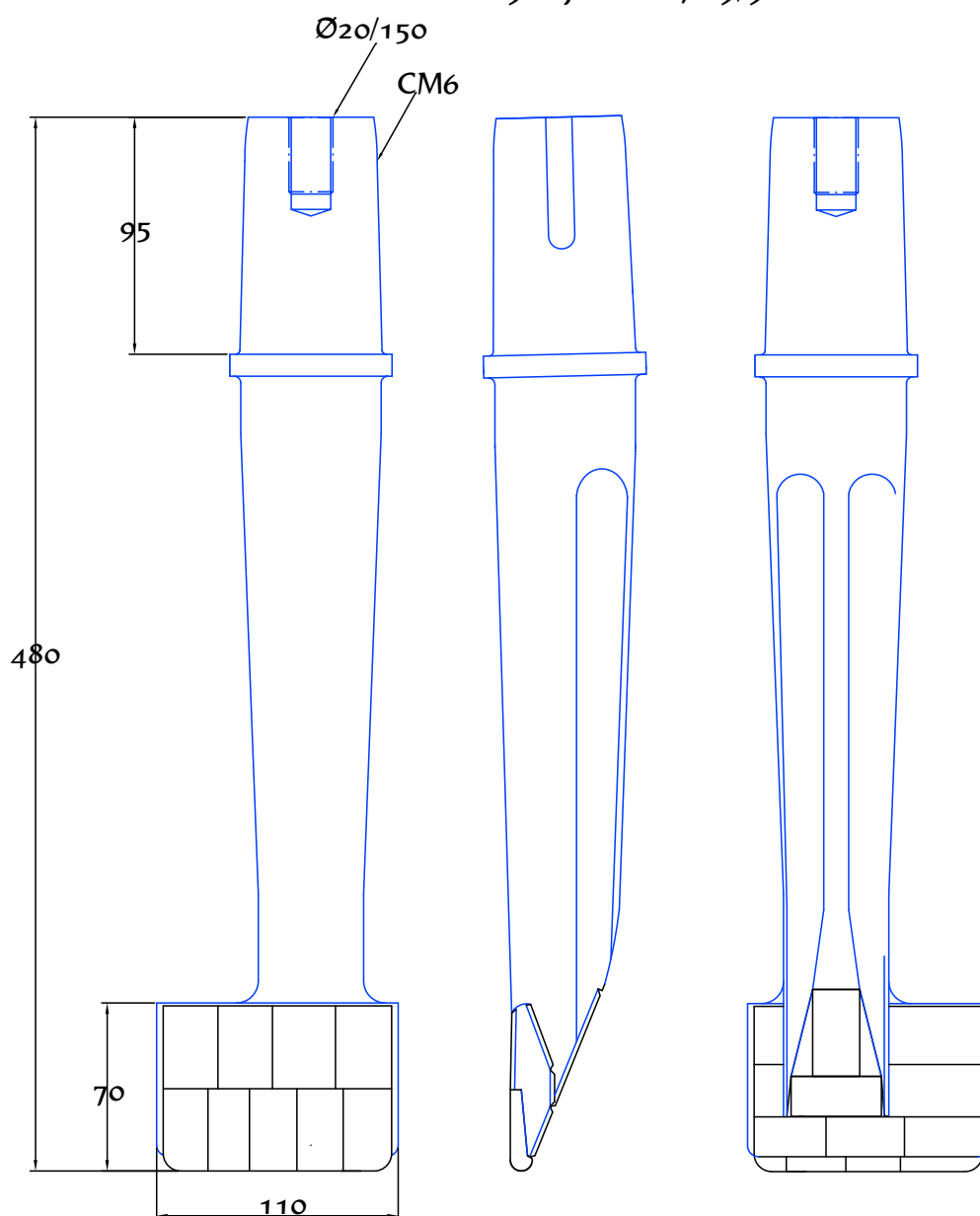
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK222R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
07/16, 08/32, 08/32 U, 09/16 CSM, 09/32 CSM
09-Dynamic, 09/90



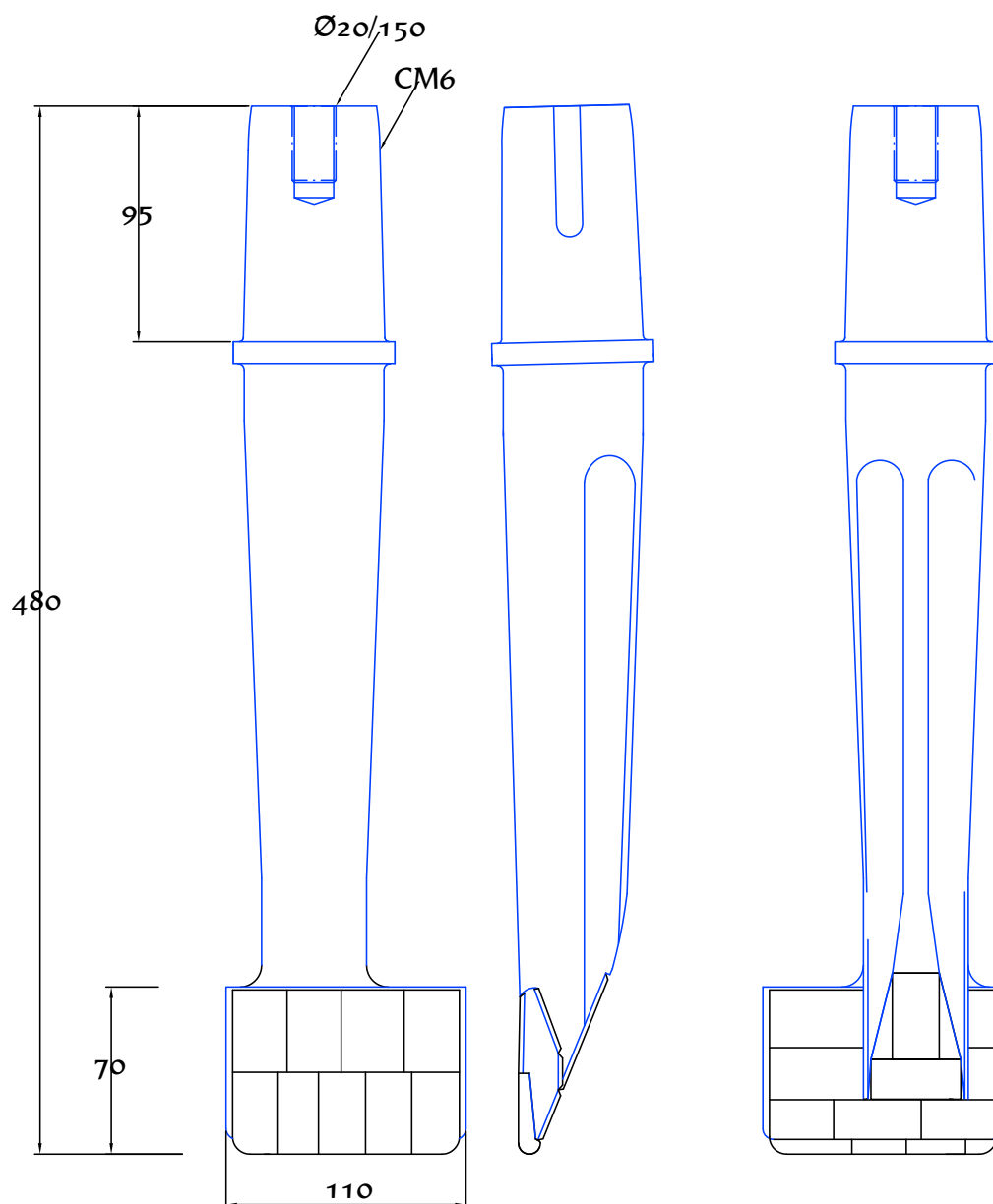
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK223R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
07/16, 08/32, 08/32 U, 09/16 CSM, 09/32 CSM
09-Dynamic, 09/90



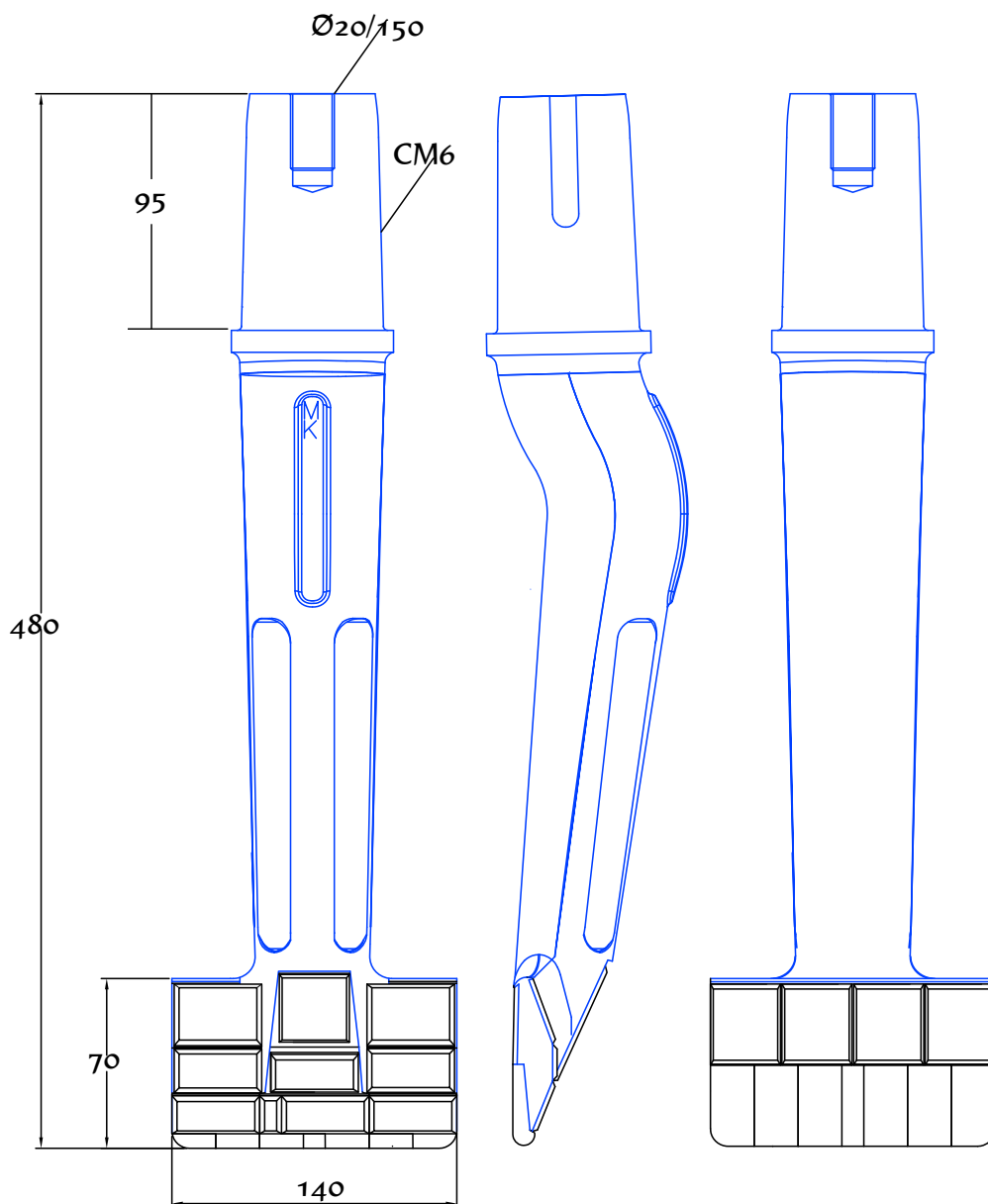
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK221RDL

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
08/32, 08/32 U, 09/32 CSM
09-Dynamic, 09/90



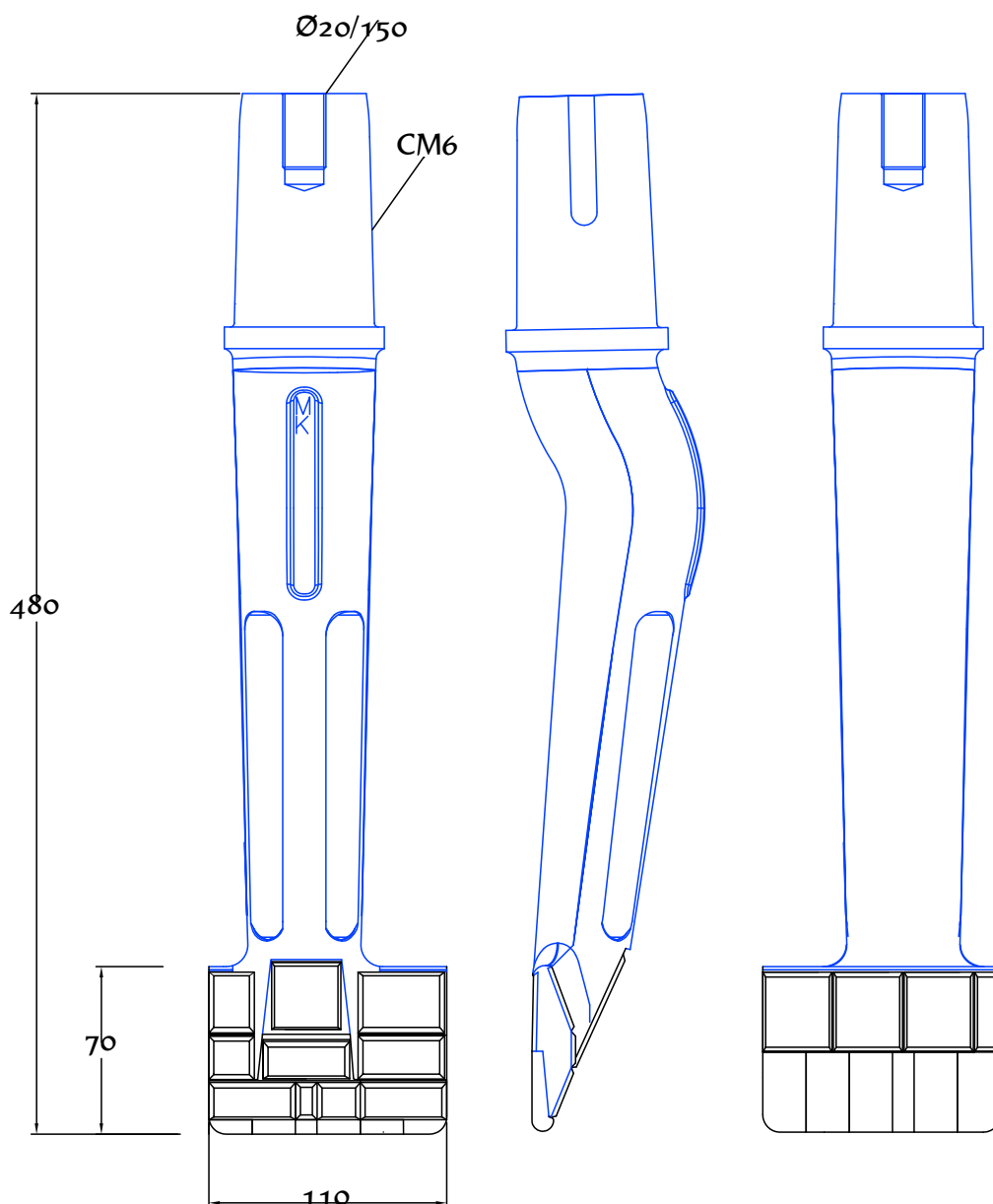
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK222RDL

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
08/32, 08/32 U, 09/32 CSM
09-Dynamic, 09/90



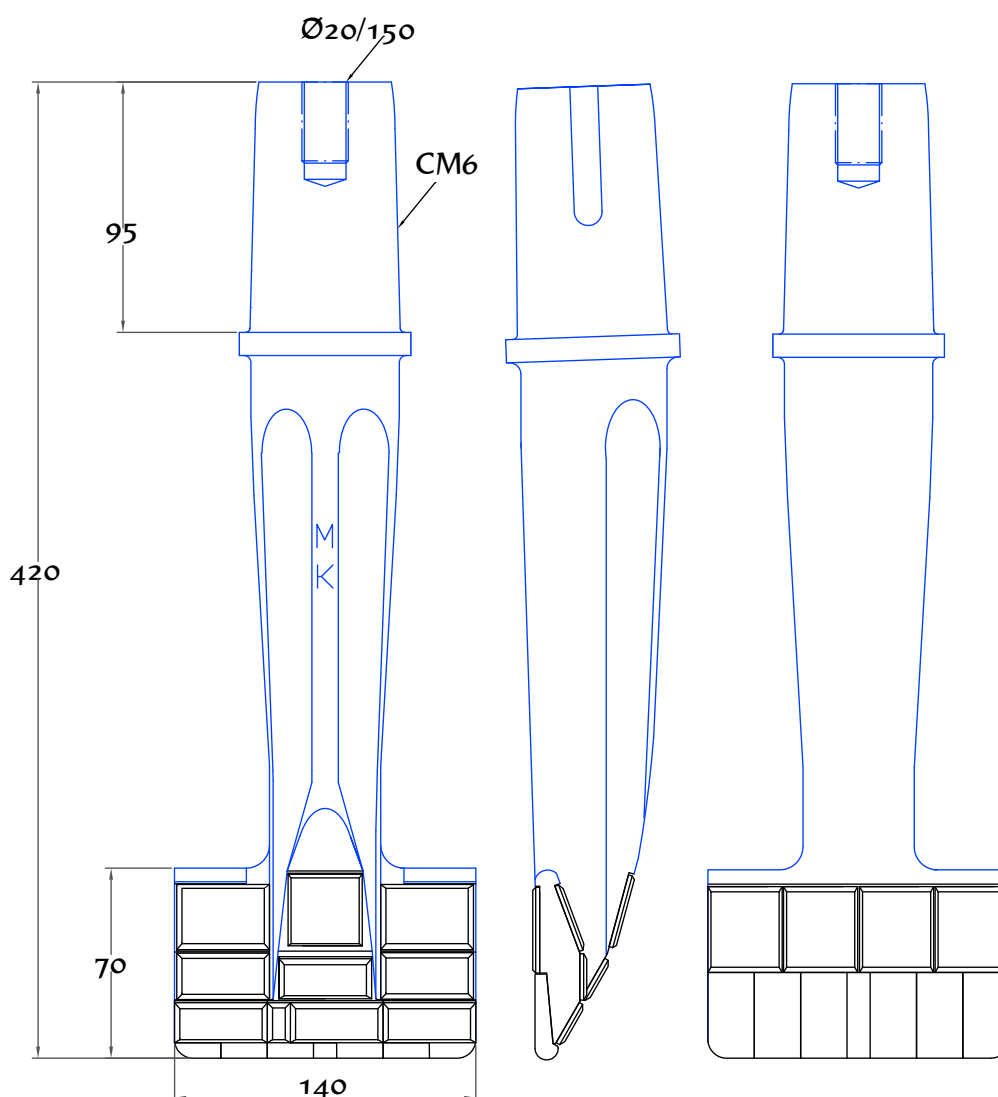
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK231R

Pour machines Plasser & Theurer
 For Plasser & Theurer Tamping Machines
 07/12, 07/16, 07/32, 08/16, 08/16ZZ
 Beaver 79/500, Beaver 79/800, Beaver 4-73
 UST 78S, MTM 700, AST ,
 Voie étroite (narrow gauge) 09/16 and 09/32



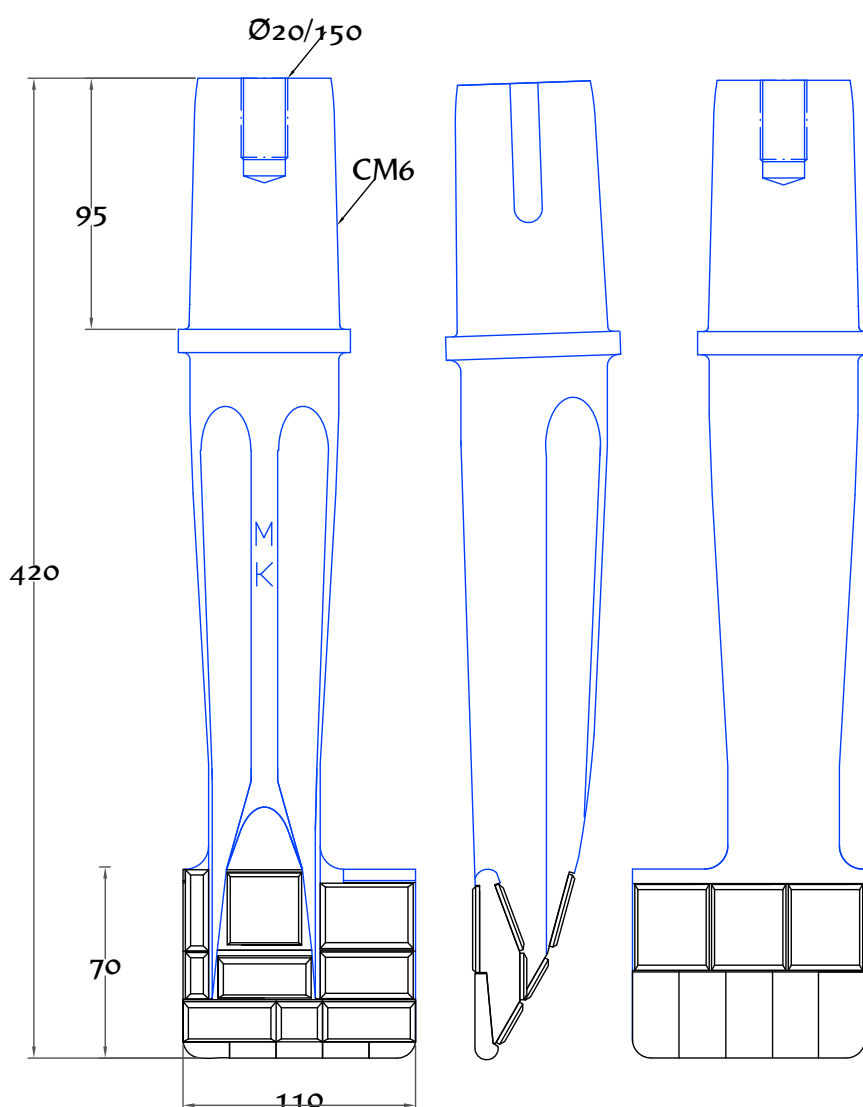
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK232R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
07/12, 07/16, 07/32, 08/16, 08/16ZZ
Beaver 79/500, Beaver 79/800, Beaver 4-73
UST 78S, MTM 700, AST ,
Voie étroite (narrow gauge) 09/16 and 09/32



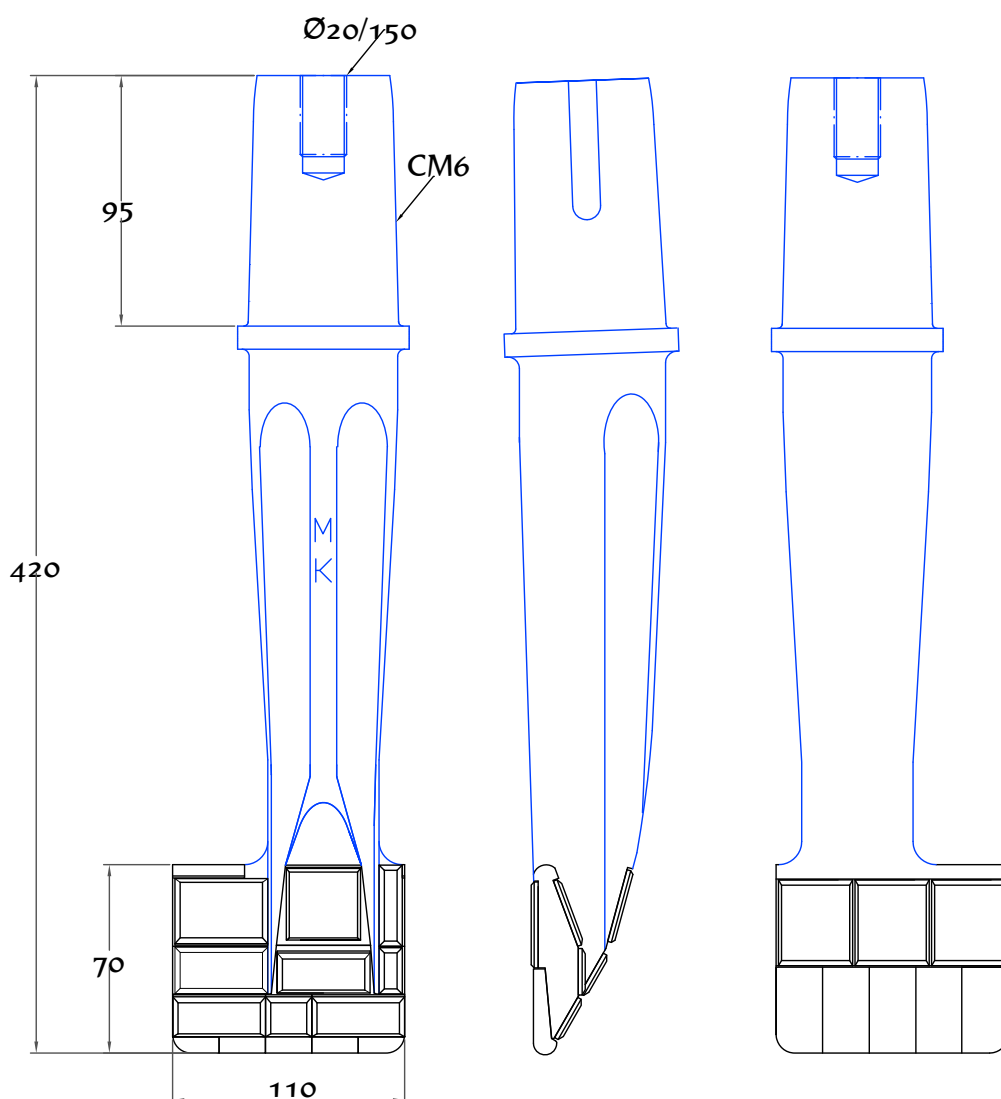
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK233R

Pour machines Plasser & Theurer
 For Plasser & Theurer Tamping Machines
 07/12, 07/16, 07/32, 08/16, 08/16ZZ
 Beaver 79/500, Beaver 79/800, Beaver 4-73
 UST 78S, MTM 700, AST ,
 Voie étroite (narrow gauge) 09/16 and 09/32



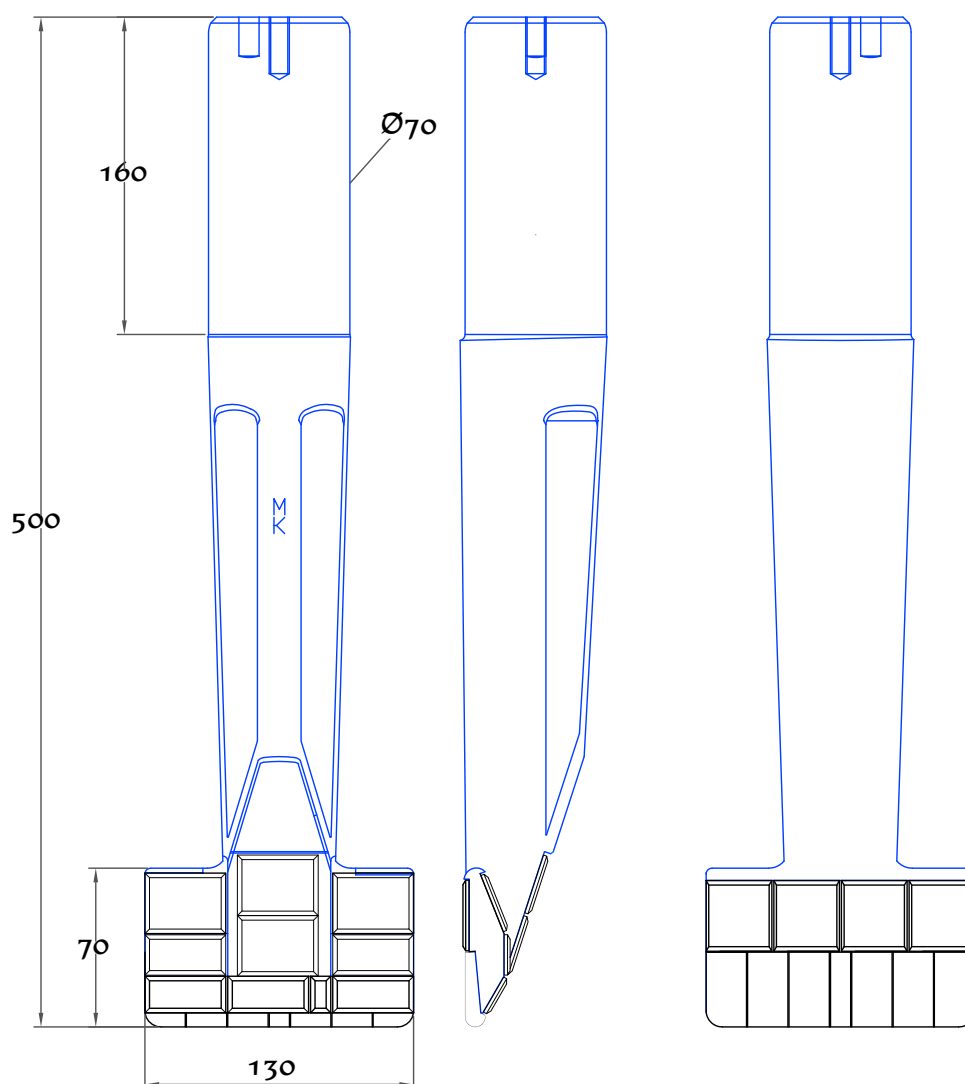
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK241

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
STOPFEXPRESS 09-3X, STOPFEXPRESS 09-4X,
09-2X, 09/16 4S (after 2001), 08/16 (after 2002),
08/475-4S (after 2001), 4X4 (before 2001),
4S-RT (after 2001), 4X4C 100-RT (after 2002)



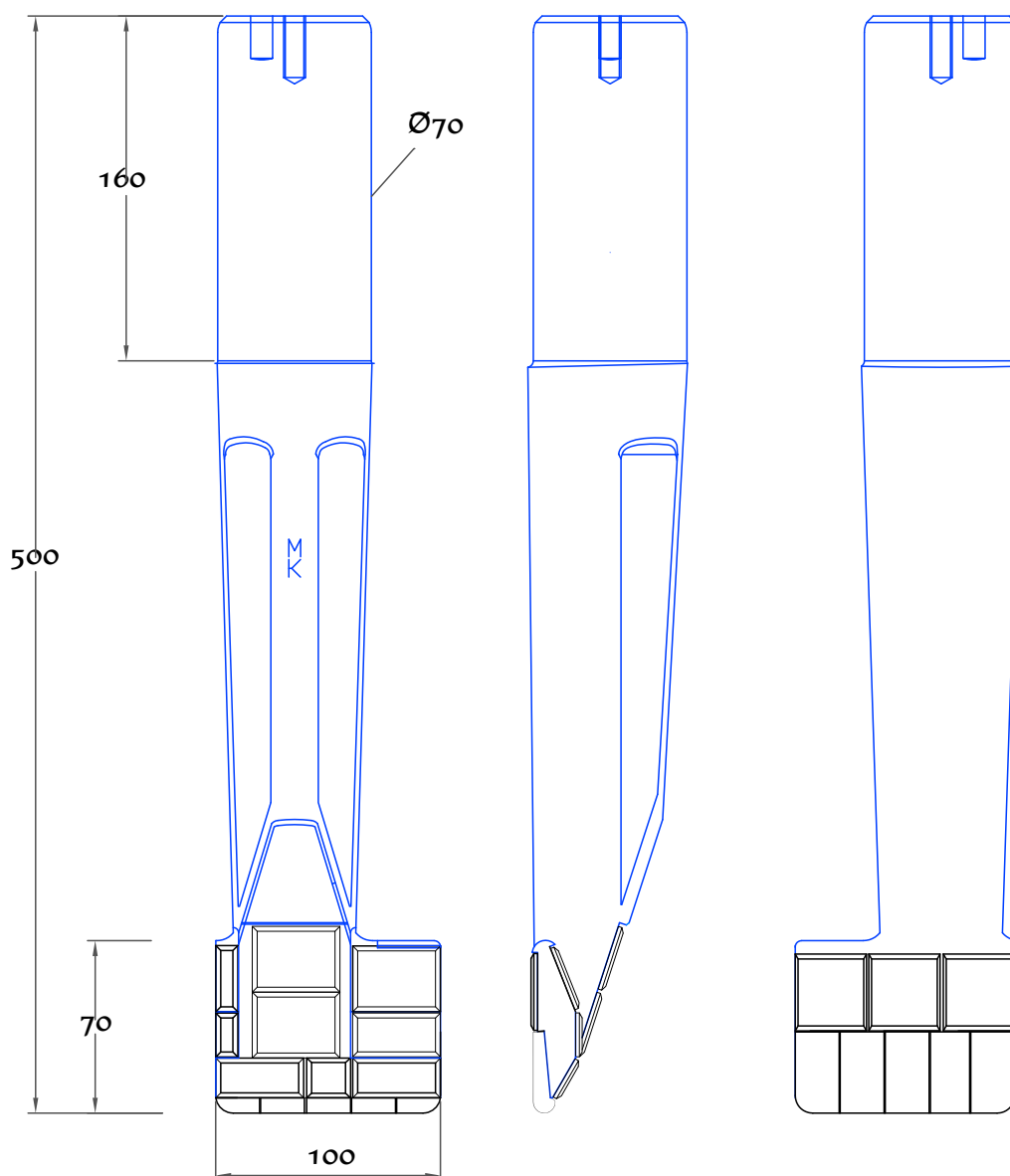
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK244

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
08/16 (after 2002), 4X4C 100-RT (after 2002)



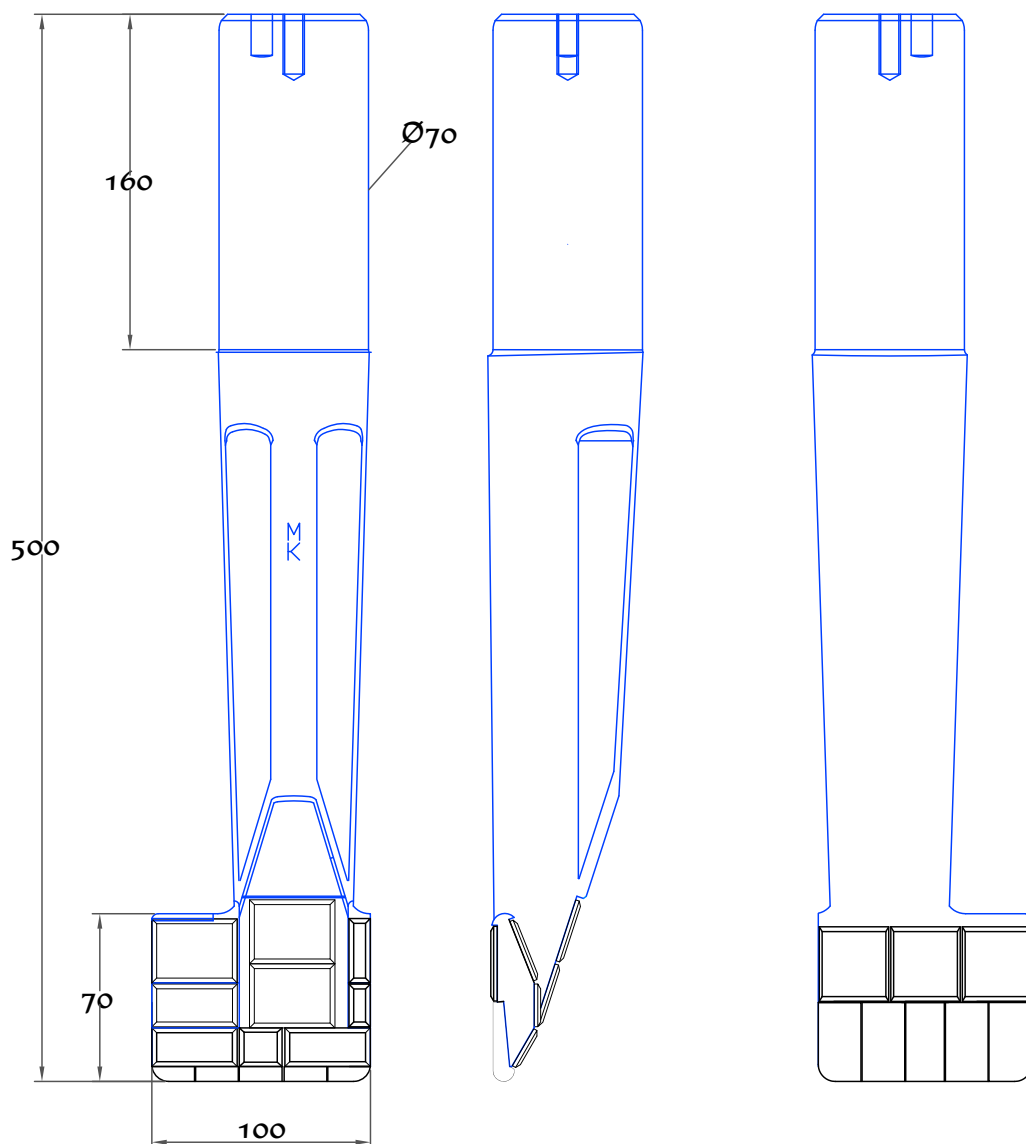
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK245

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
09-2X, 08/16 (after 2002), STOPFEXPRESS 09-3X,
STOPFEXPRESS 09-4X, 4X4C 100-RT (after 2002)



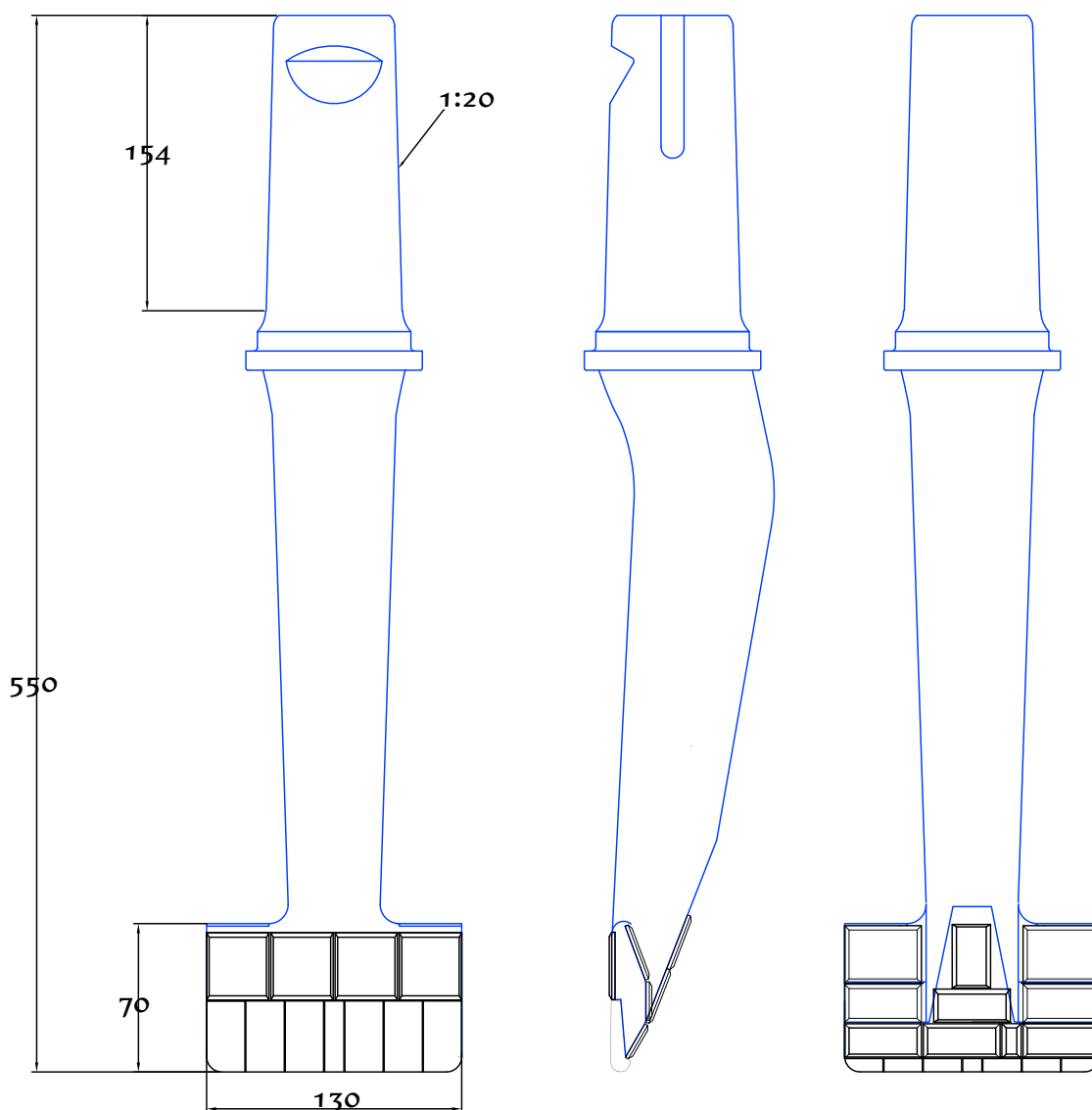
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK251R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
09/32-4S, 09/32 CSM (93/95), 108 Framafert,
109 Framafert



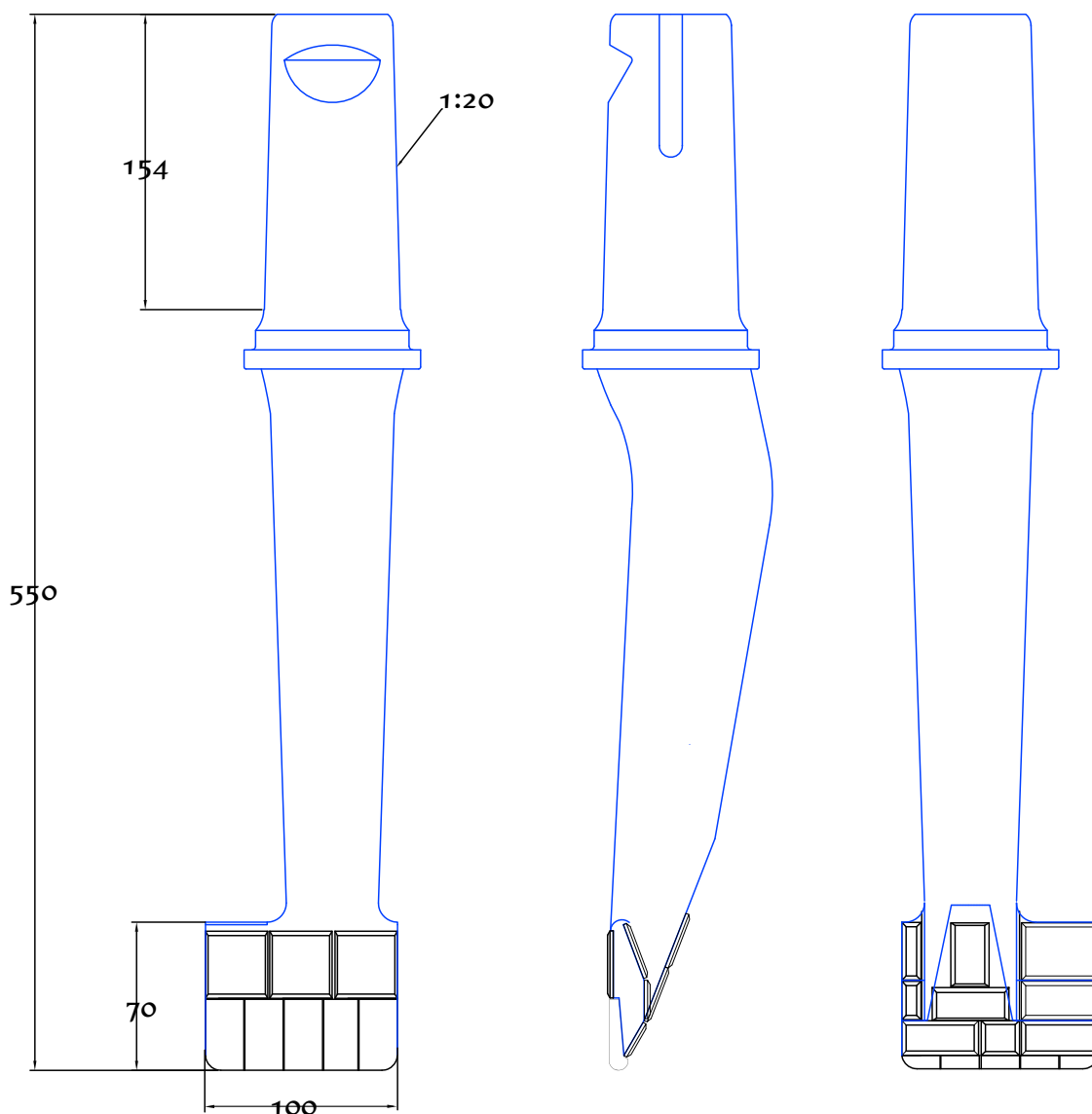
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK252R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
09/32 CSM (93/95), 109 Framافر



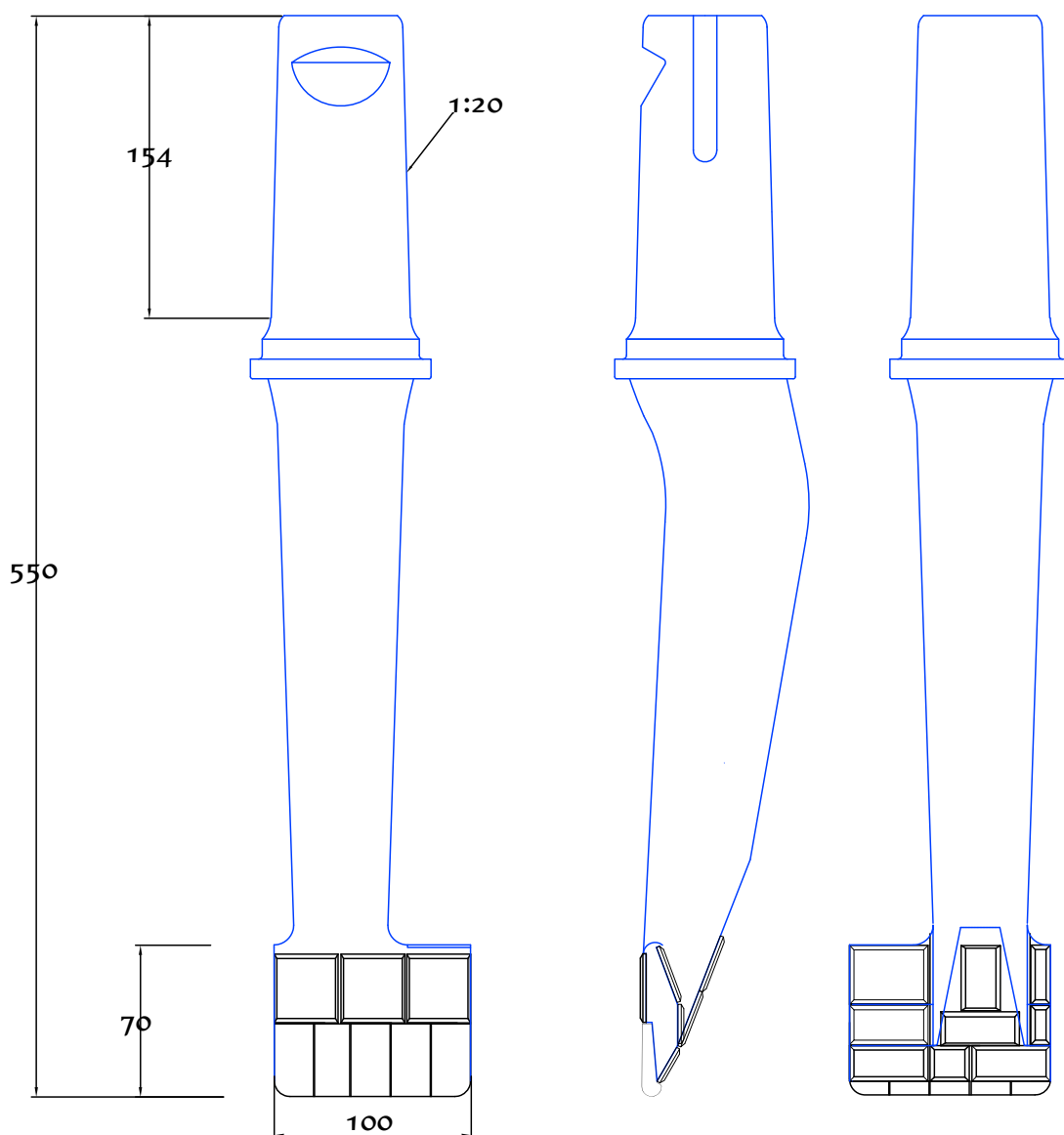
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK253R

Pour machines Plasser & Theurer
For Plasser & Theurer Tamping Machines
09/32 CSM (93/95), 109 Framافر



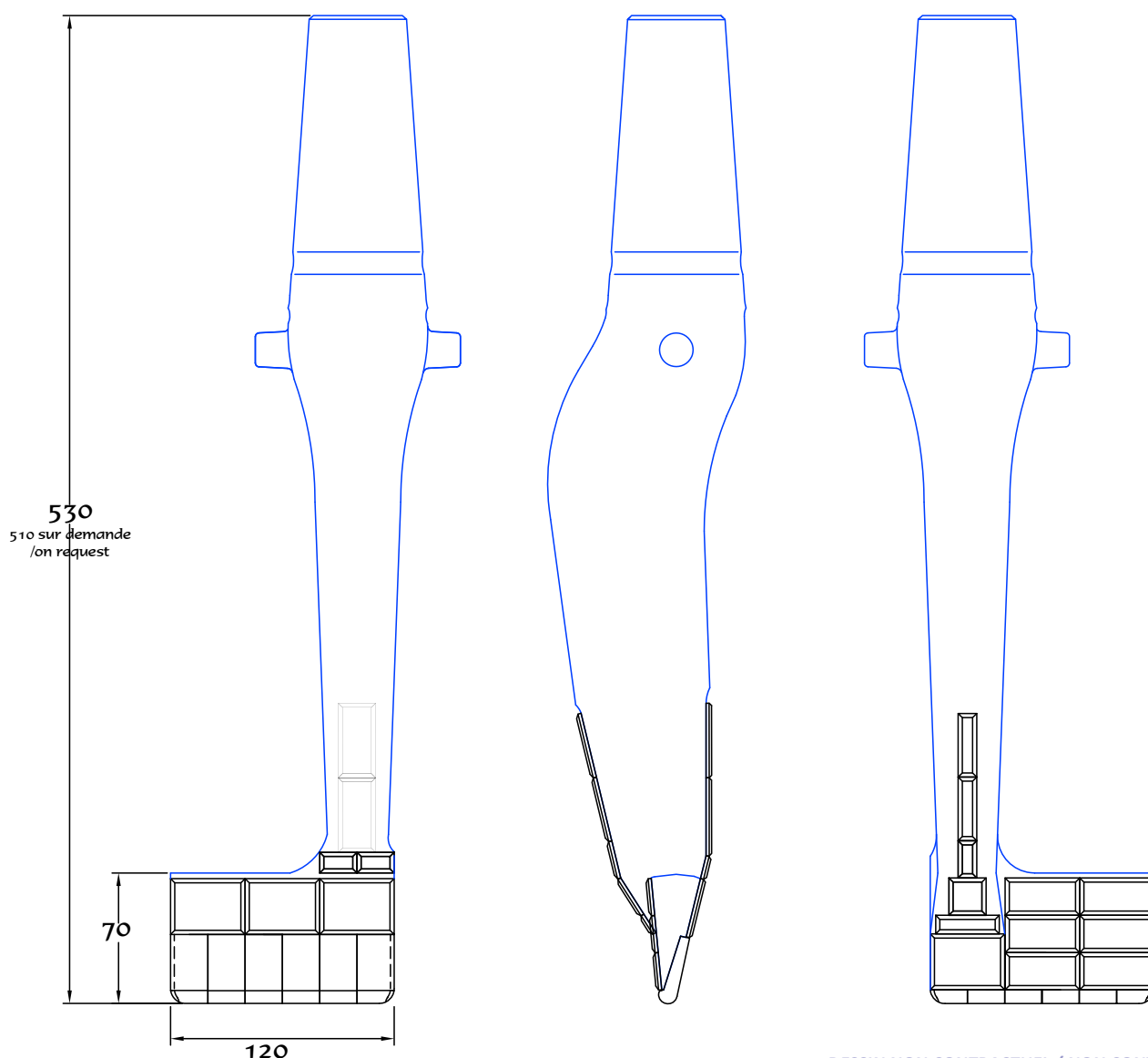
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK311

Pour machines MATISA
For MATISATamping Machines
B20C, B20-75C, B20-95C, B40U, B40UE
B41U, B41UE, B45UE, B66U
Oem# 12.70.115.00001 – Pos 1



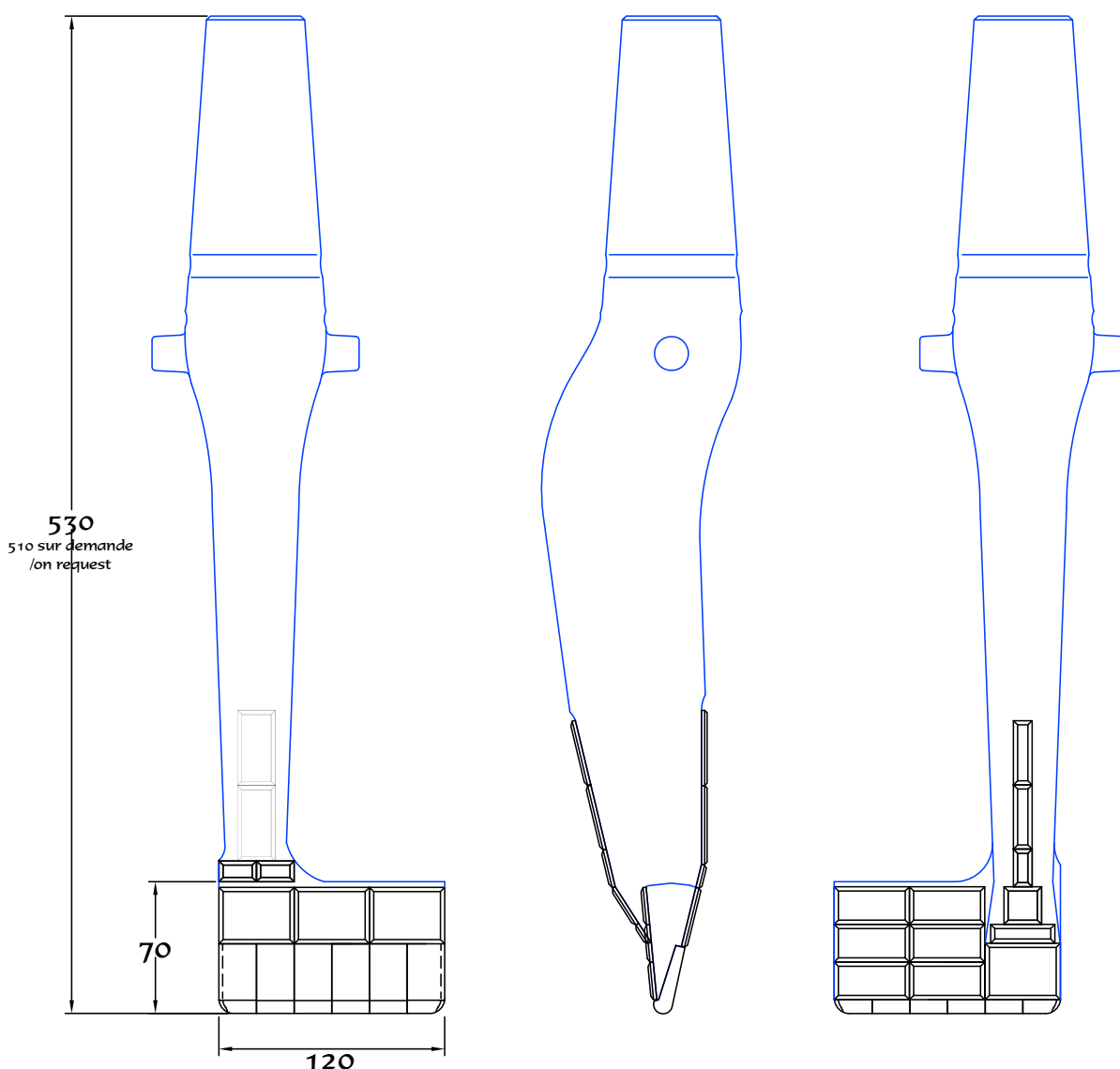
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK312

Pour machines MATISA
For MATISATamping Machines
B20C, B20-75C, B20-95C, B40U, B40UE
B41U, B41UE, B45UE, B66U
Oem# 12.70.115.00002 – Pos 2



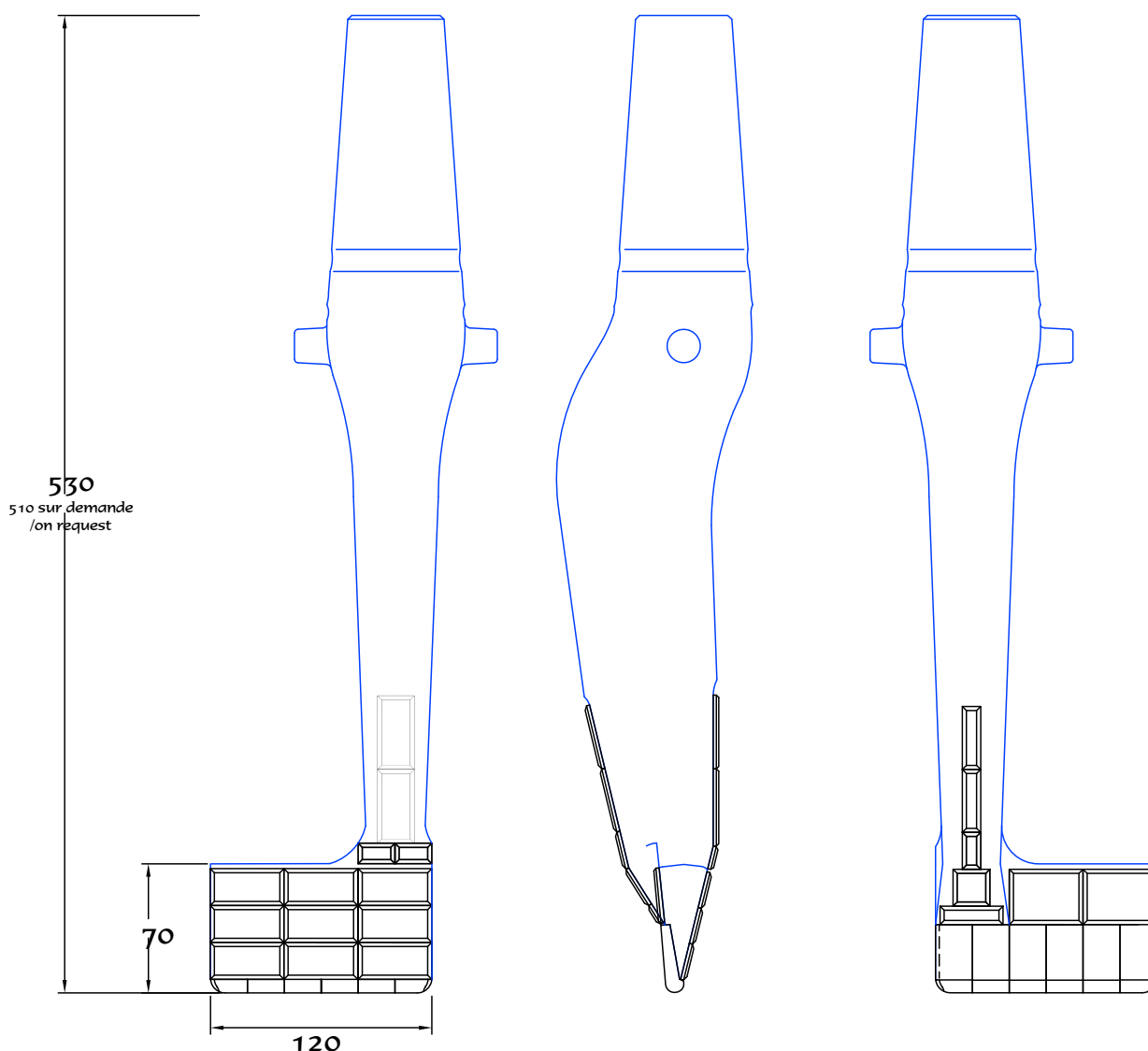
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK313

Pour machines MATISA
For MATISATamping Machines
B20C, B20-75C, B20-95C, B40U, B40UE
B41U, B41UE, B45UE, B66U
Oem# 12.70.115.00003 – Pos 3



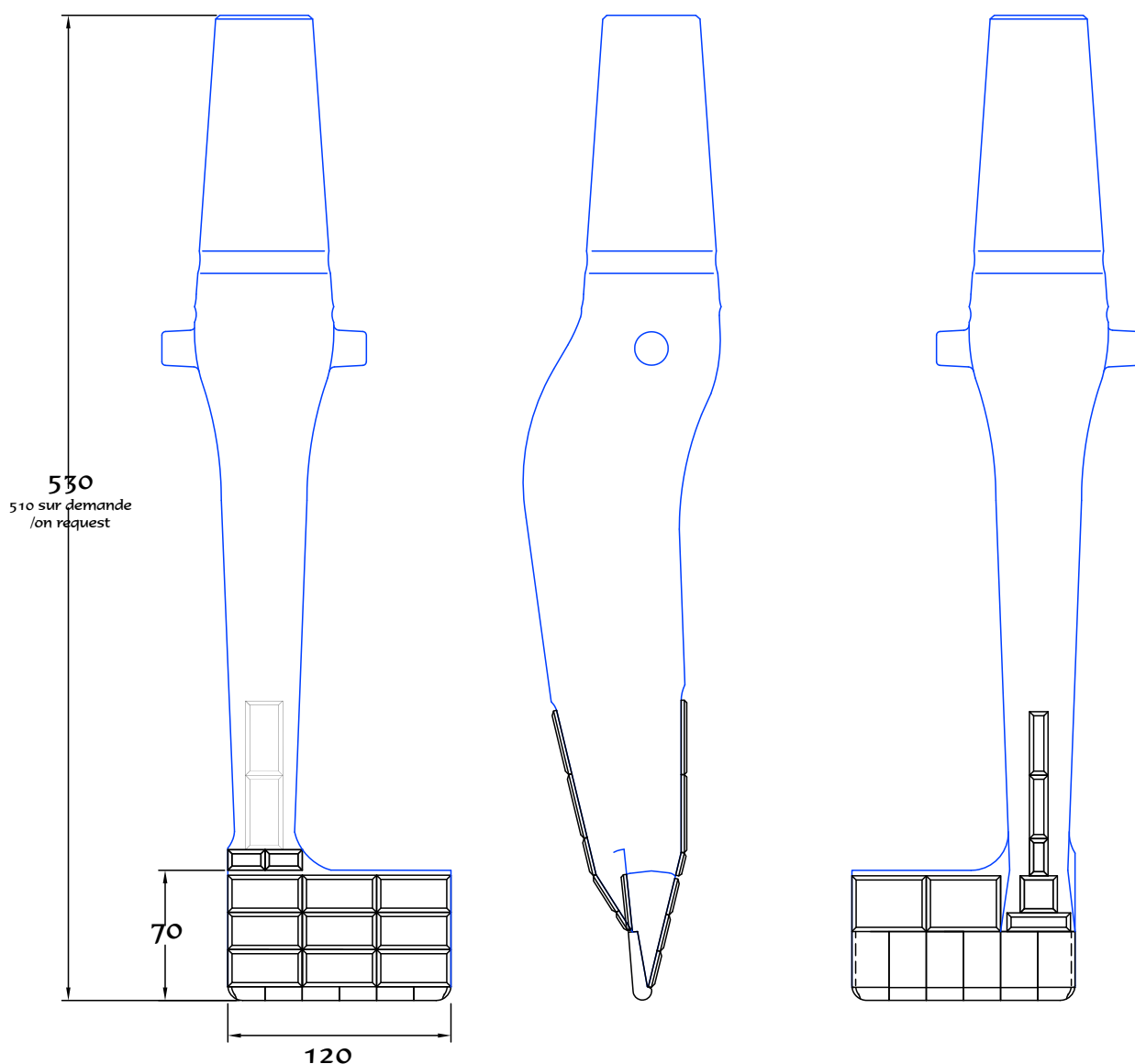
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK314

Pour machines MATISA
For MATISATamping Machines
B20C, B20-75C, B20-95C, B40U, B40UE
B41U, B41UE, B45UE, B66U
Oem# 12.70.115.00004 – Pos 4



DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK321

Pour machines MATISA

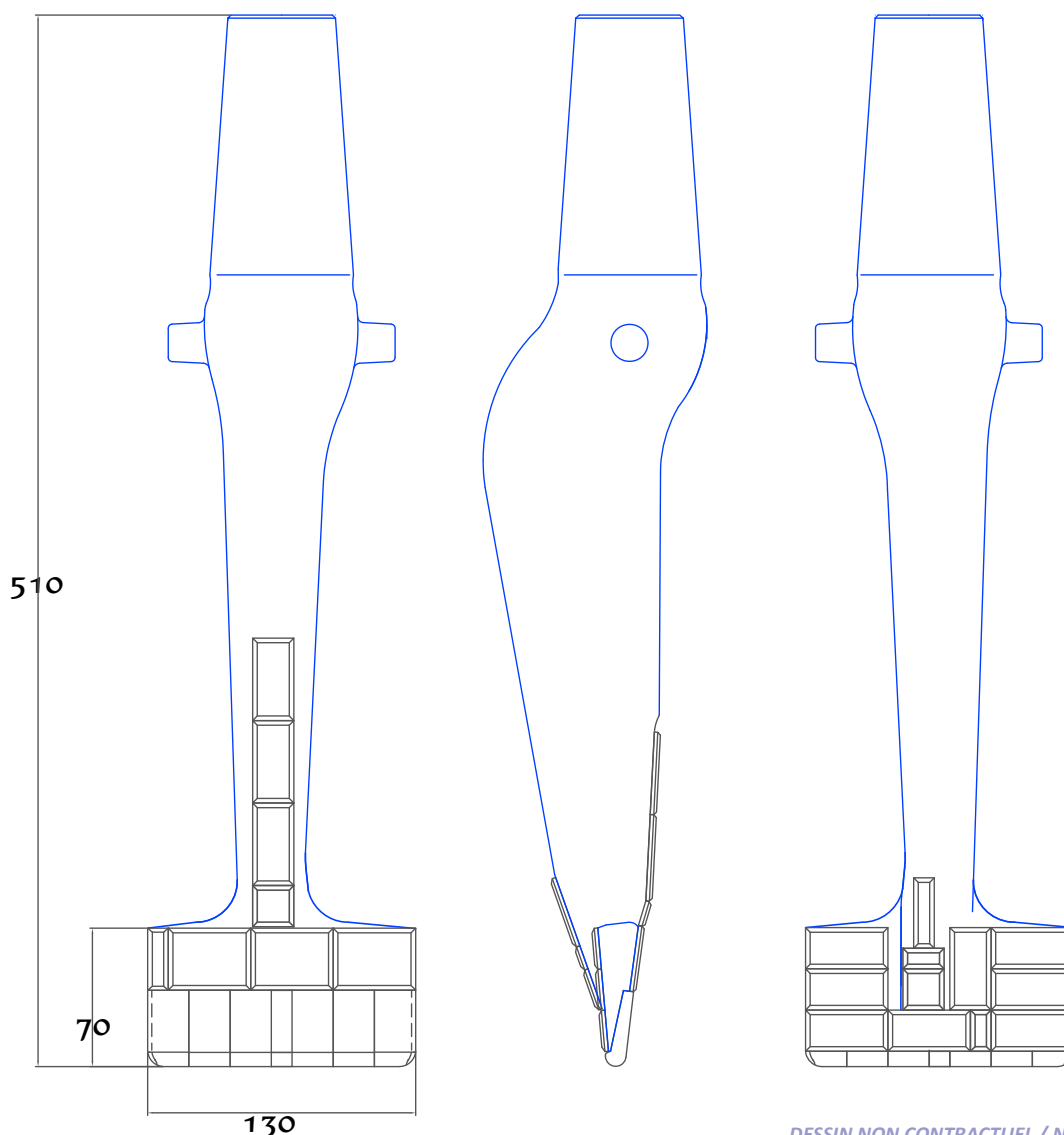
For MATISATamping Machines

B2oL, B3oL, B4oL, B45L,

B2o Bi AC 4 (Pioches standards machines 8o3 et 8o5-France)

B3oD, B4oD, B41D, B45D & B5oD (pioches standards/standard tools)

Oem# 12.70.114.00000



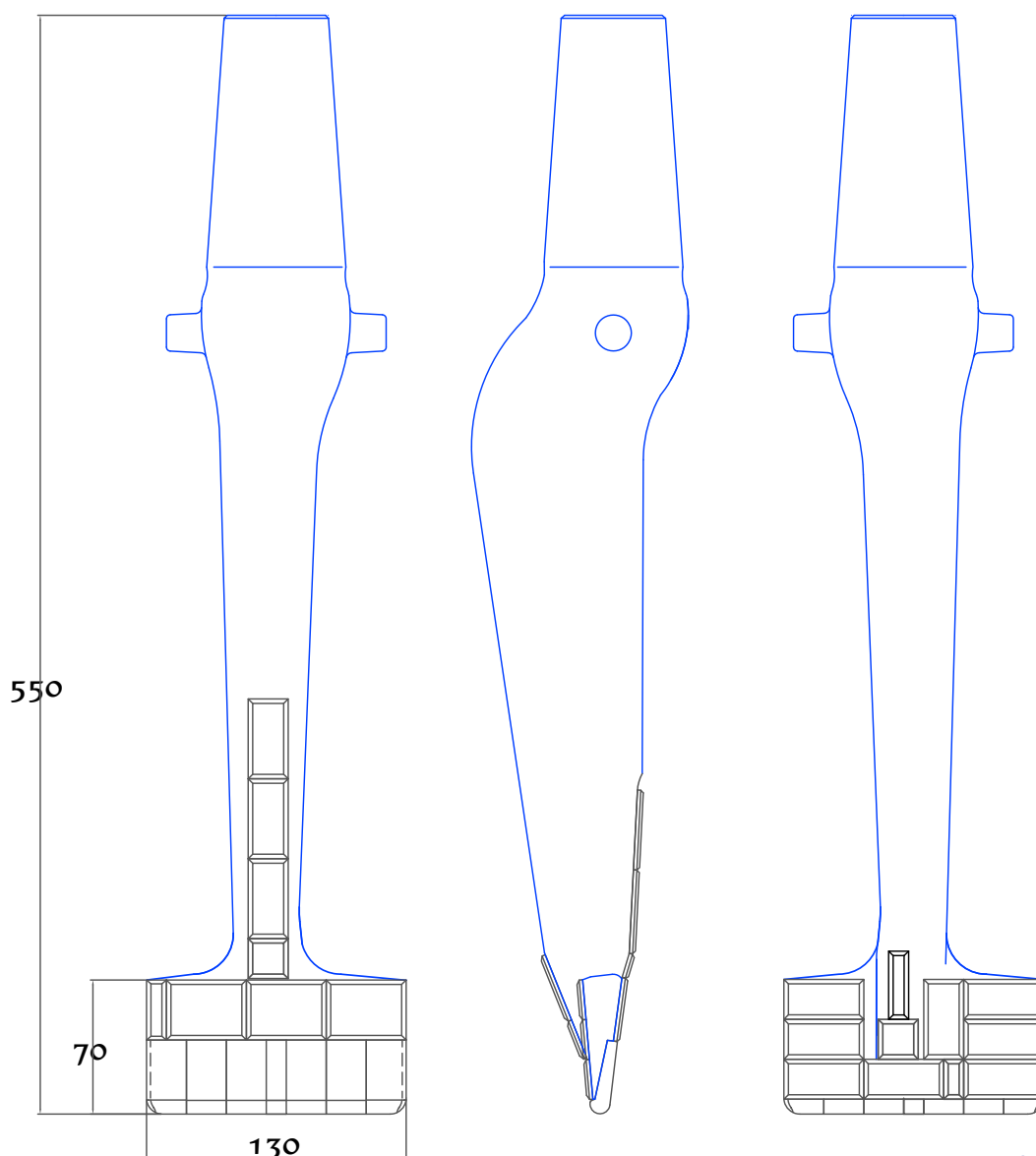
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK331

Pour machines MATISA
For MATISATamping Machines
COMBI 20, B20 Bi AC4 (Pioches longues pour machine 801-France)
BD45 & B50D (Pioches longues/long tools)
Oem# 12.70.116.00000



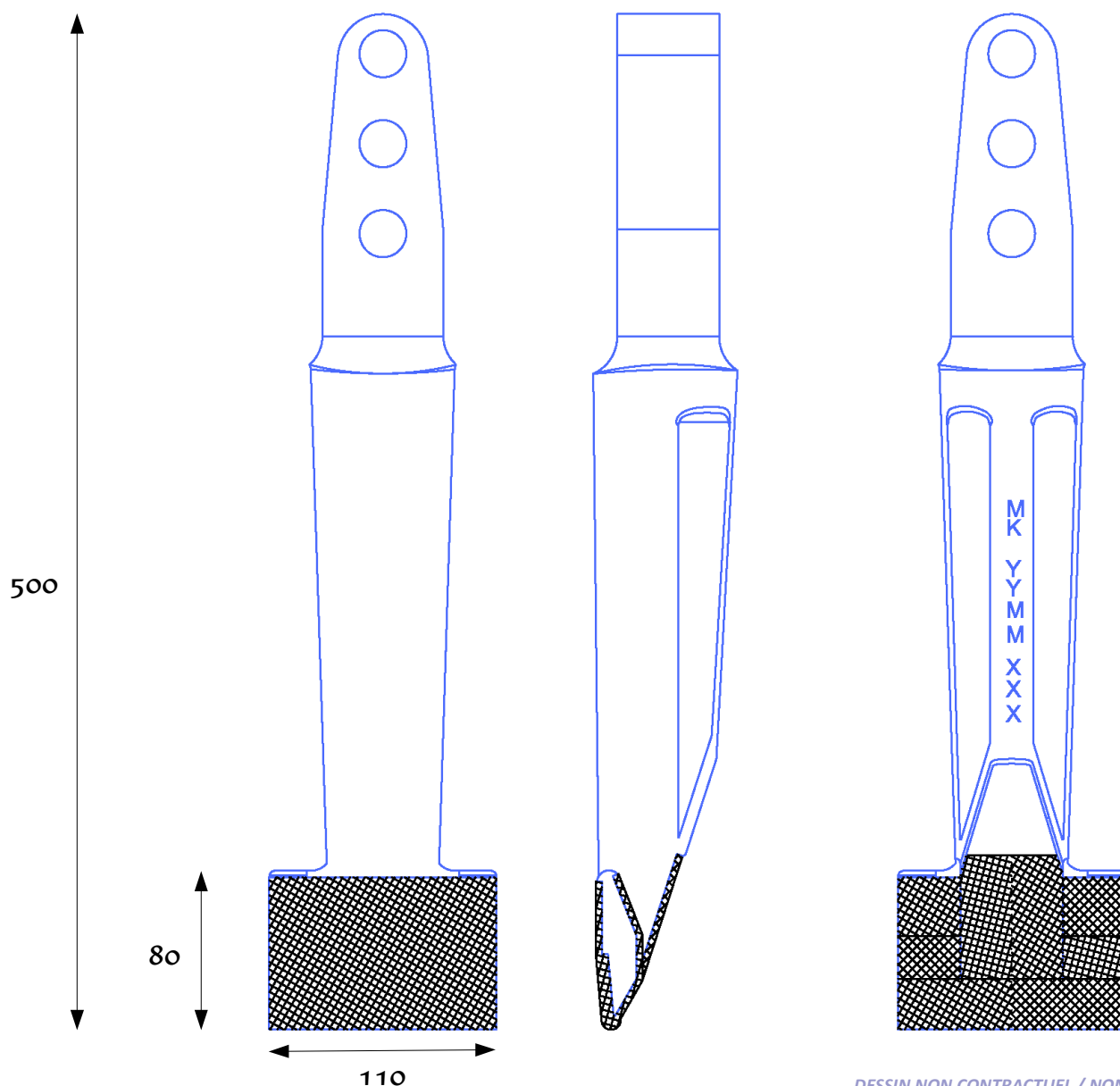
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK421

Pour machines JACKSON
For JACKSON Tamping Machines
Voies et appareils
Plain lines and switches



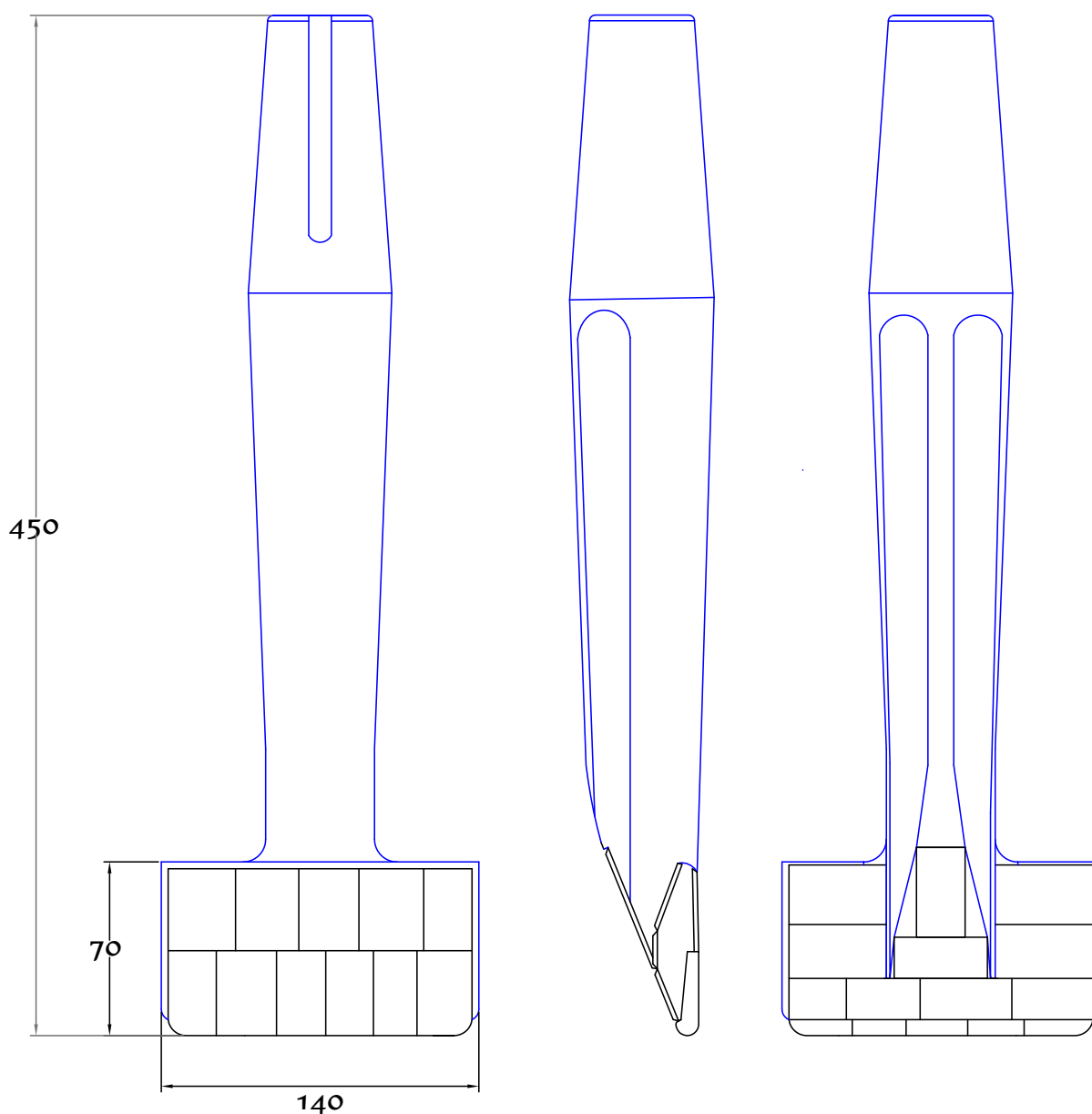
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK521

Pour machines TAMPER HARSCO
For TAMPER HARSCO Tamping Machines



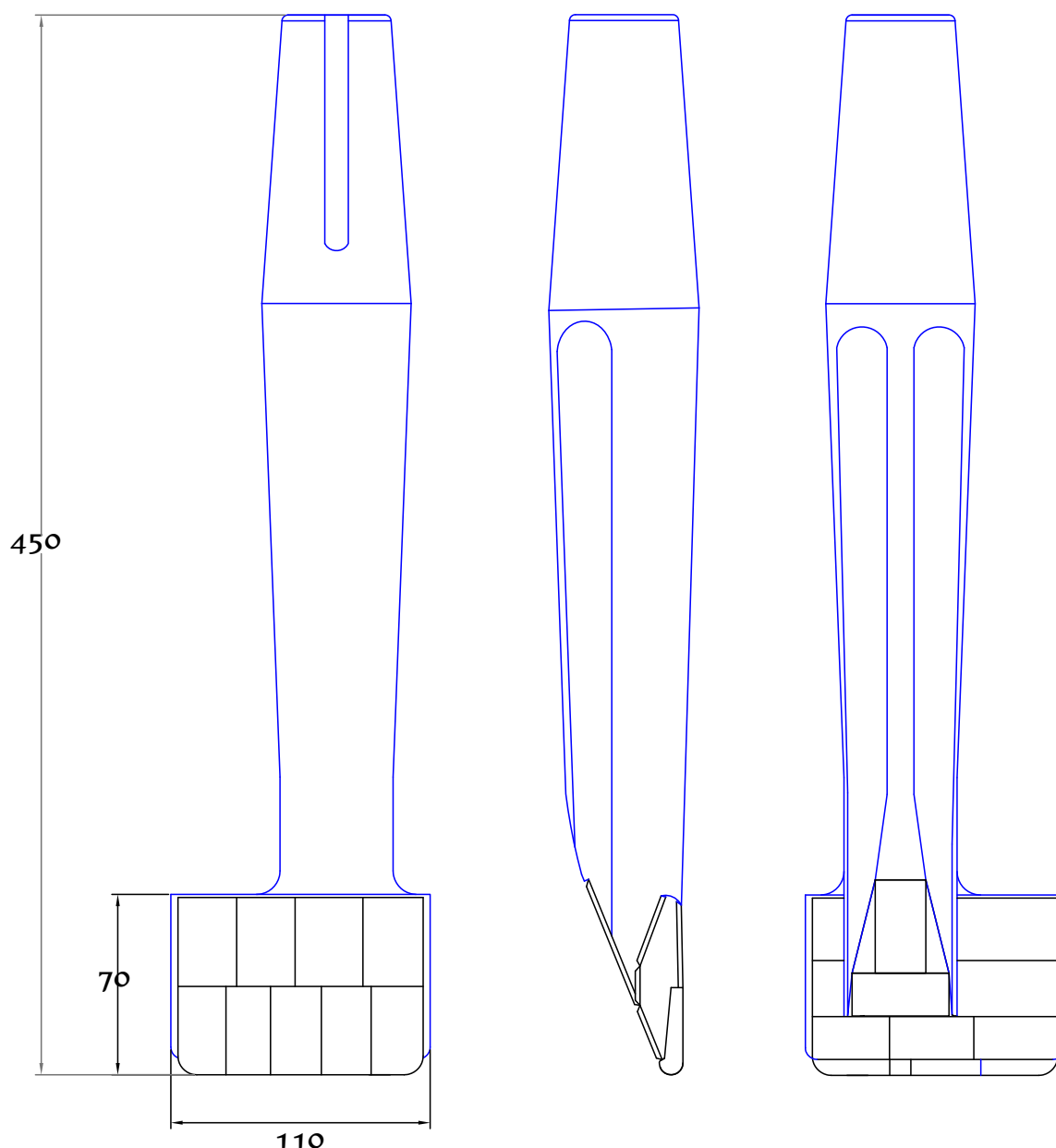
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK522

Pour machines TAMPER HARSCO
For TAMPER HARSCO Tamping Machines



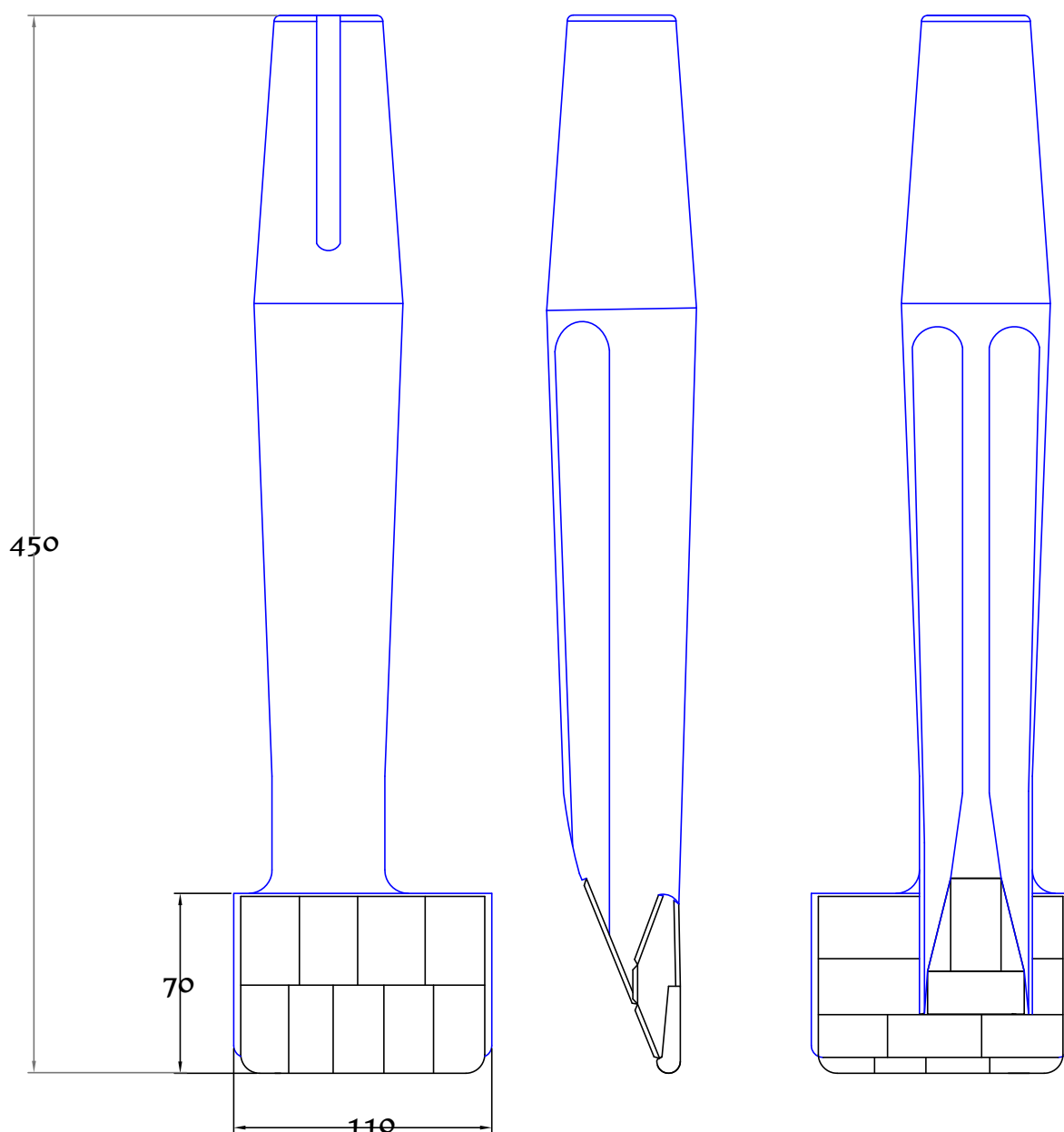
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MK523

Pour machines TAMPER HARSCO
For TAMPER HARSCO Tamping Machines



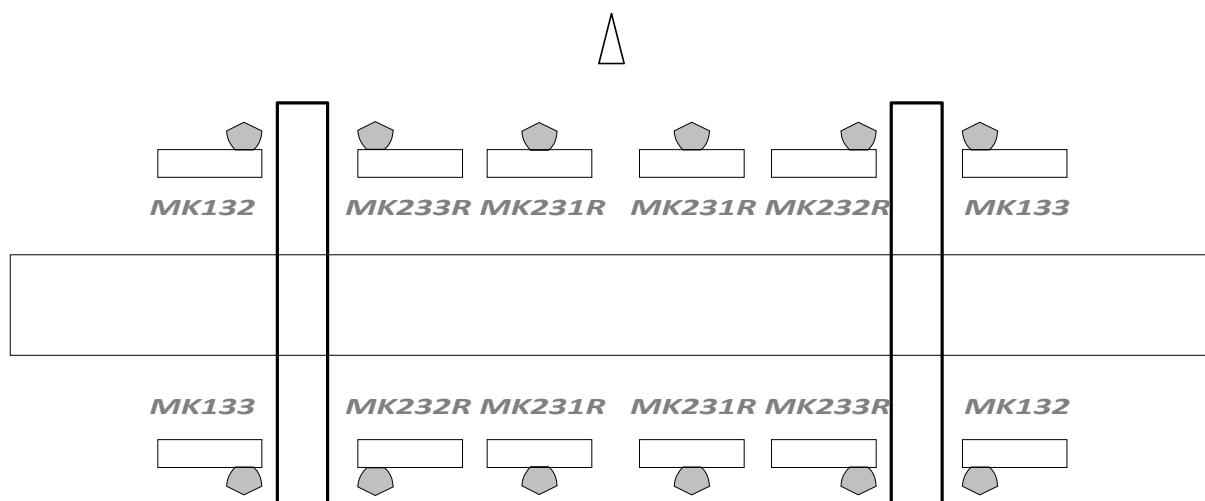
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 07/12

Outils – Tools : 420/520 mm



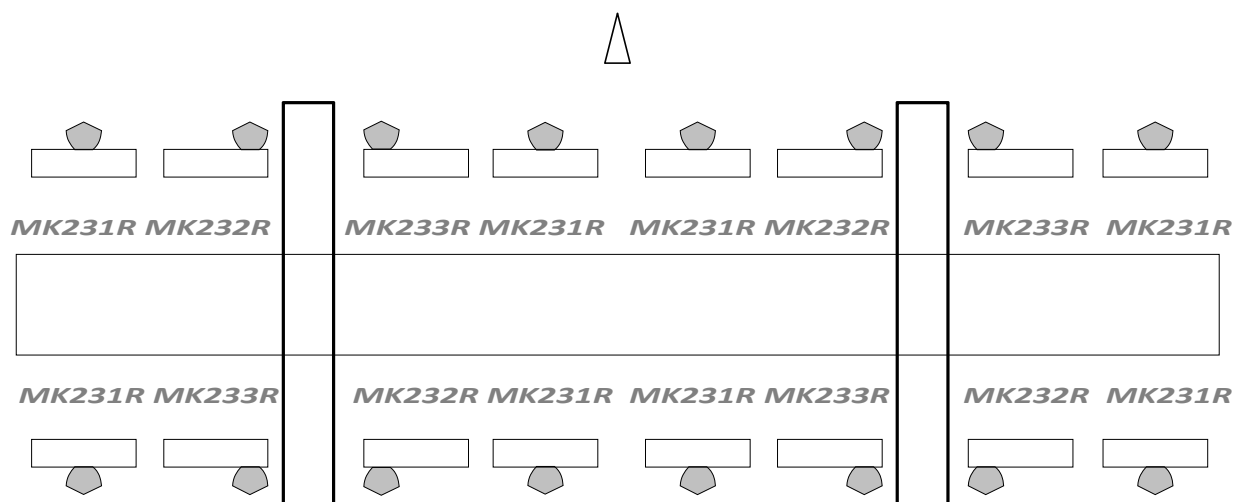
MK132 : 2
MK133 : 2
MK231R : 4
MK232R : 2
MK233R : 2

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 07/16

Outils courts – Short tools : 420 mm



MK231R : 8

MK232R : 4

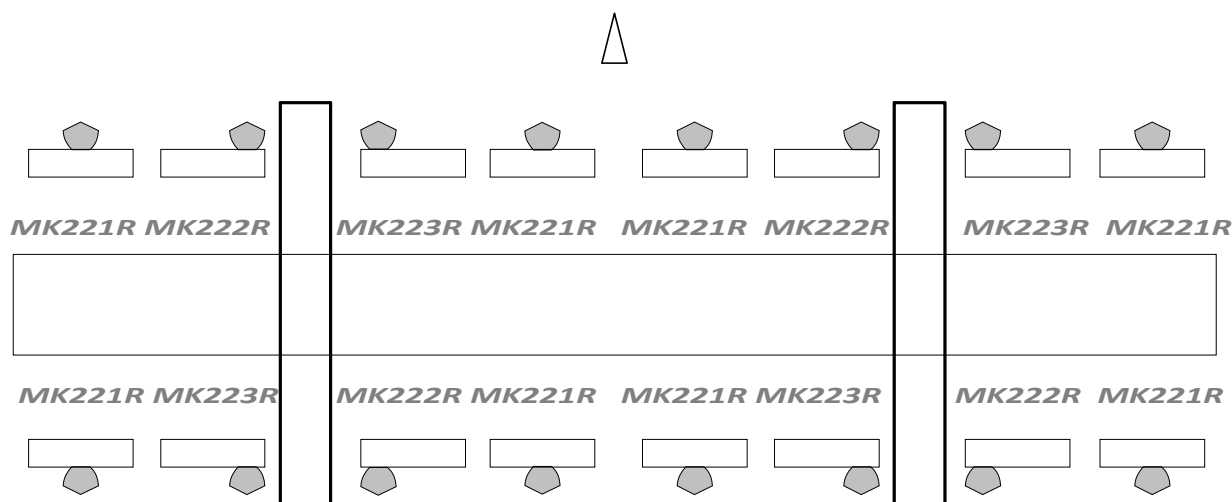
MK233R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 07/16

Outils longs – Long tools : 480 mm



MK221R : 8

MK222R : 4

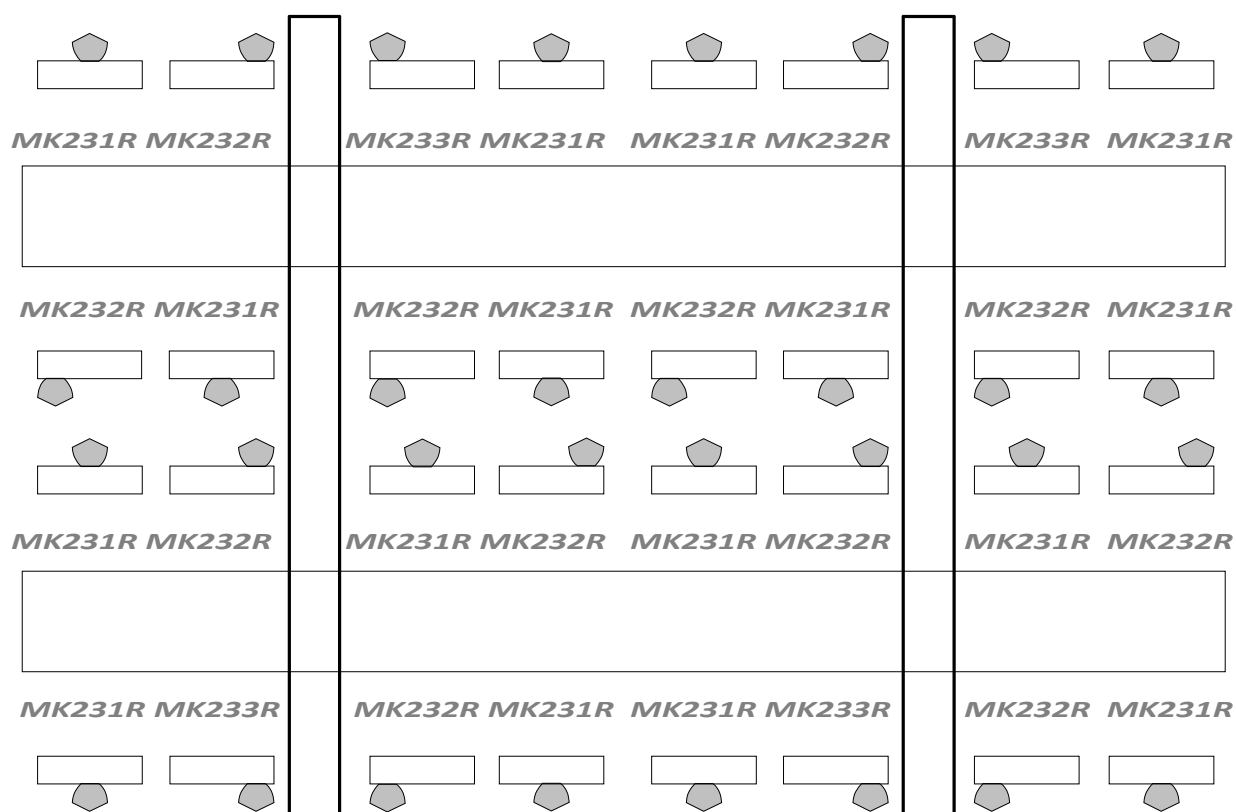
MK223R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 07/32

Outils – Tools : 420 mm



MK231R : 16

MK232R : 12

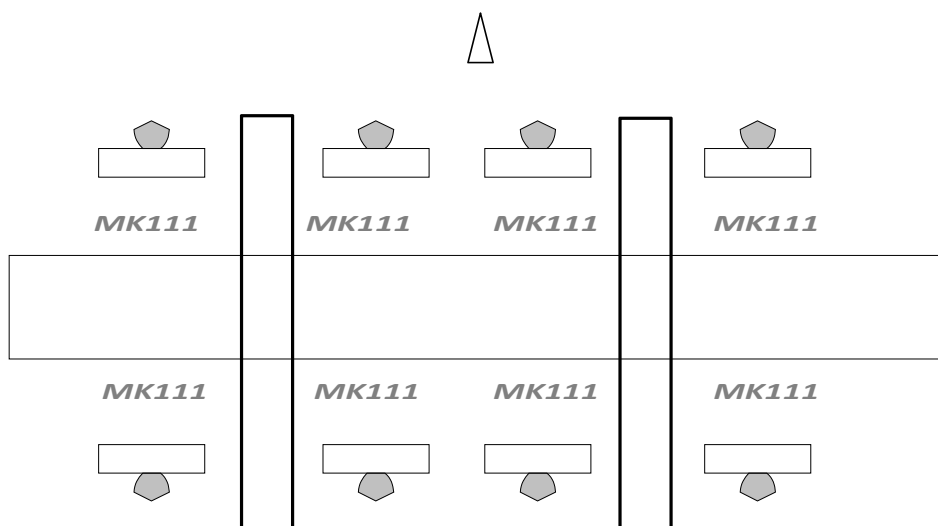
MK233R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 07/275

Outils – Tools : 590 mm



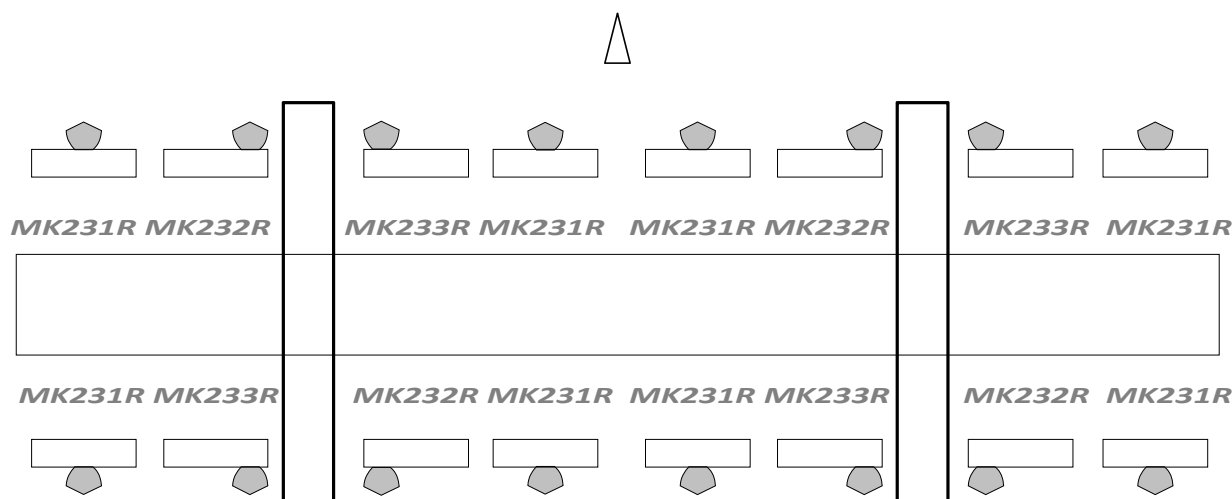
MK111 : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/16

Outils courts – Short tools : 420 mm



MK231R : 8

MK232R : 4

MK233R : 4

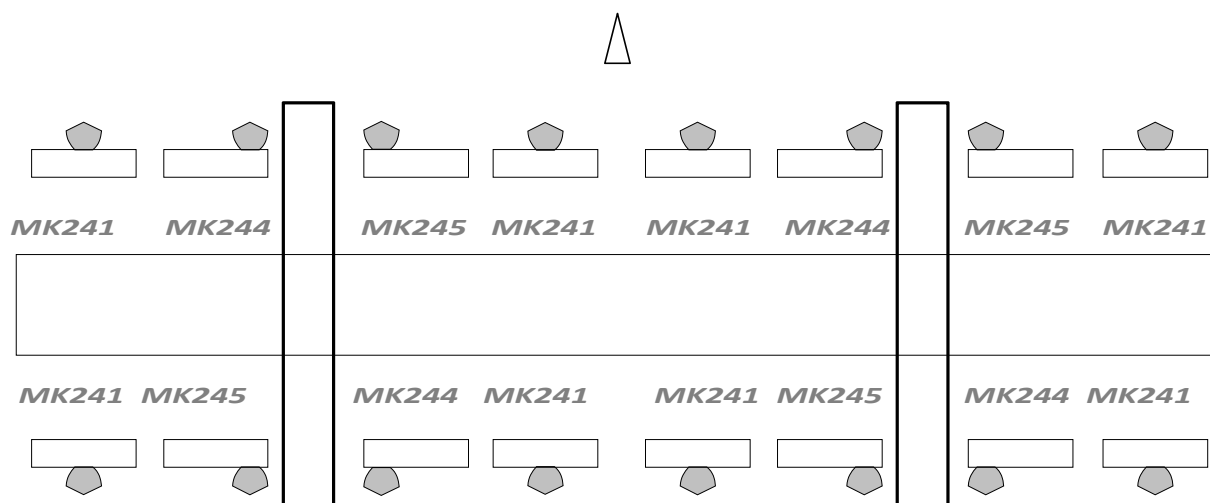
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/16

Après/After 2002

Outils cylindriques – Cylinder tools : 500 mm



MK241 : 8

MK244 : 4

MK245 : 4

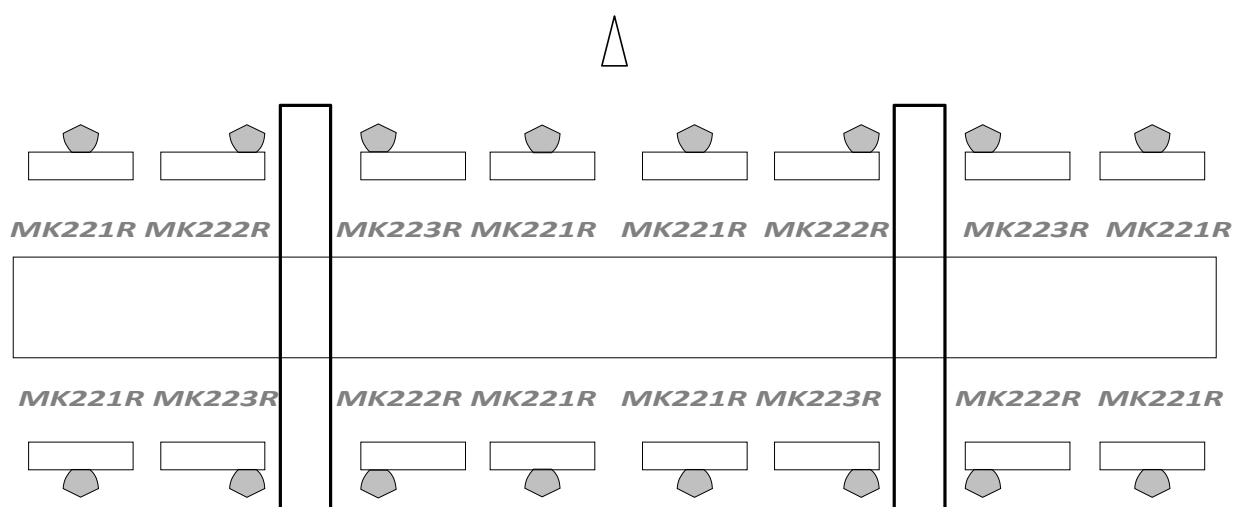
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/16

Unomatic

Outils longs – Long tools : 480 mm



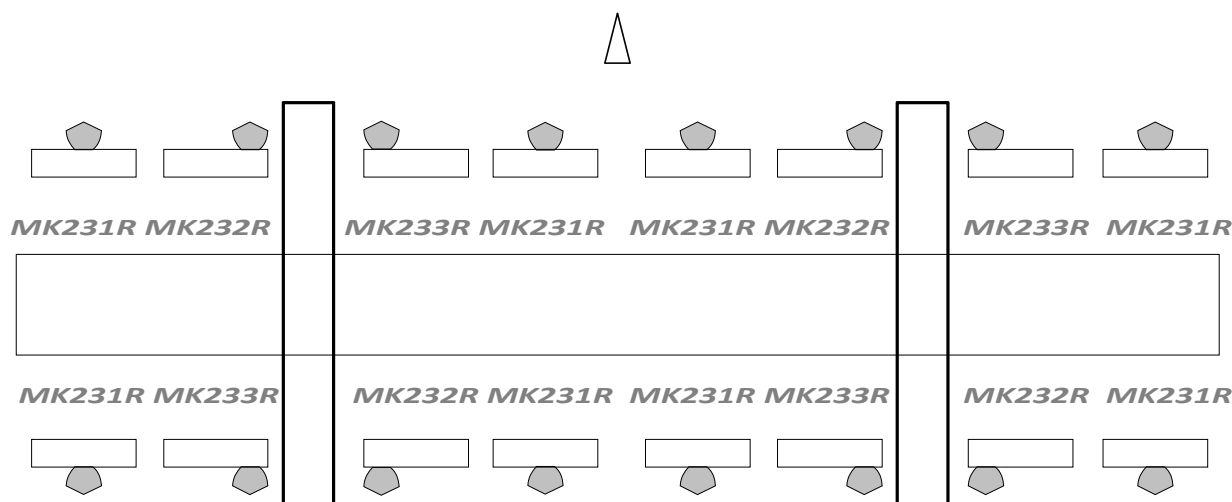
MK221R : 8
MK222R : 4
MK223R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/16 zz

Outils Courts – Short tools : 420 mm



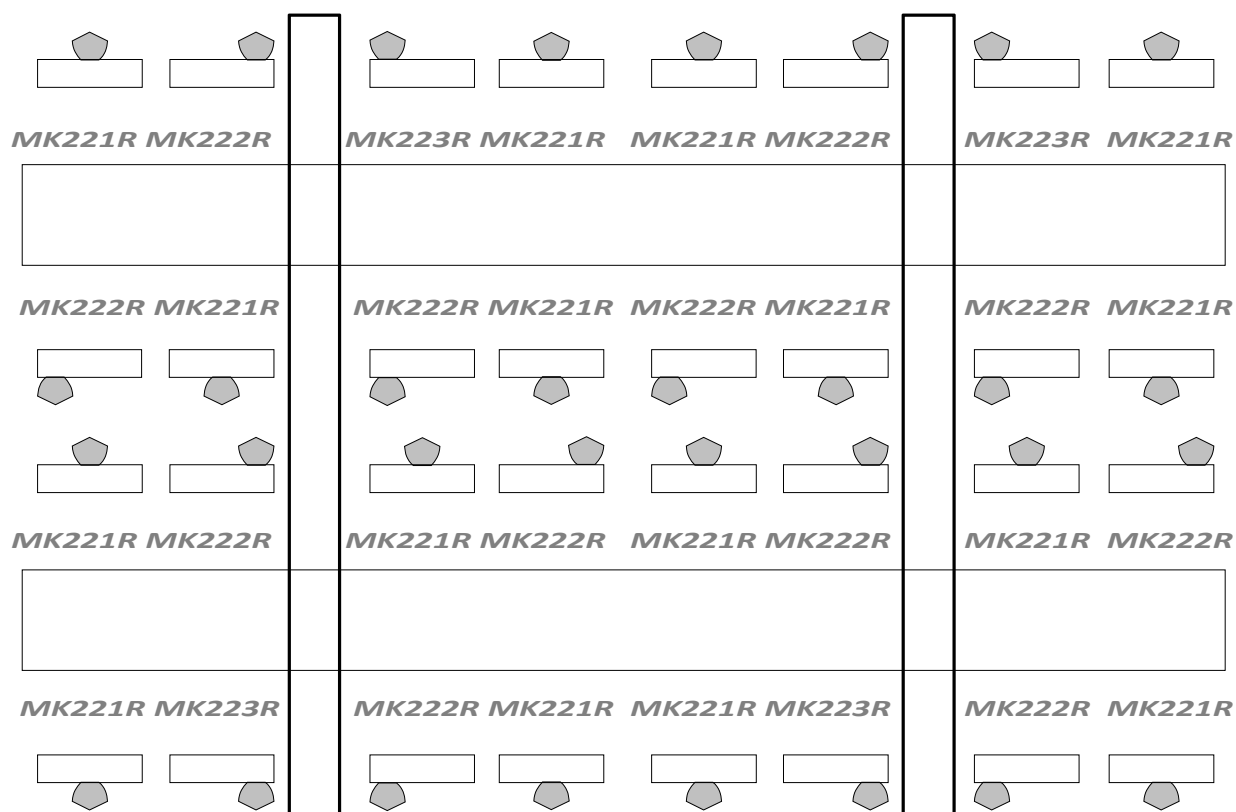
MK231R : 8
MK232R : 4
MK233R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/32U

Outils Longs – Long tools : 480 mm



MK221R : 16

MK222R : 12

MK223R : 4



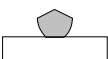
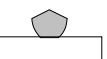
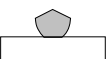
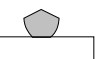
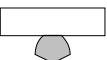
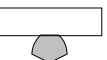
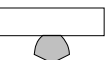
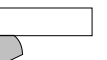
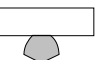
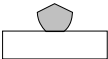
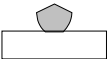
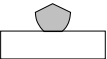
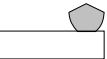
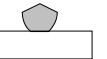
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/32U

Outils moyens – Medium tools : 450 mm



 	   	 
MK211R MK212R	MK213R MK211R MK211R MK212R	MK213R MK211R
MK212R MK211R	MK212R MK211R MK212R MK211R	MK212R MK211R
 	   	 
 	   	 
MK211R MK212R	MK211R MK212R MK211R MK212R	MK211R MK211R
MK211R MK213R	MK212R MK211R MK211R MK213R	MK212R MK211R
 	   	 

MK211R : 16

MK212R : 12

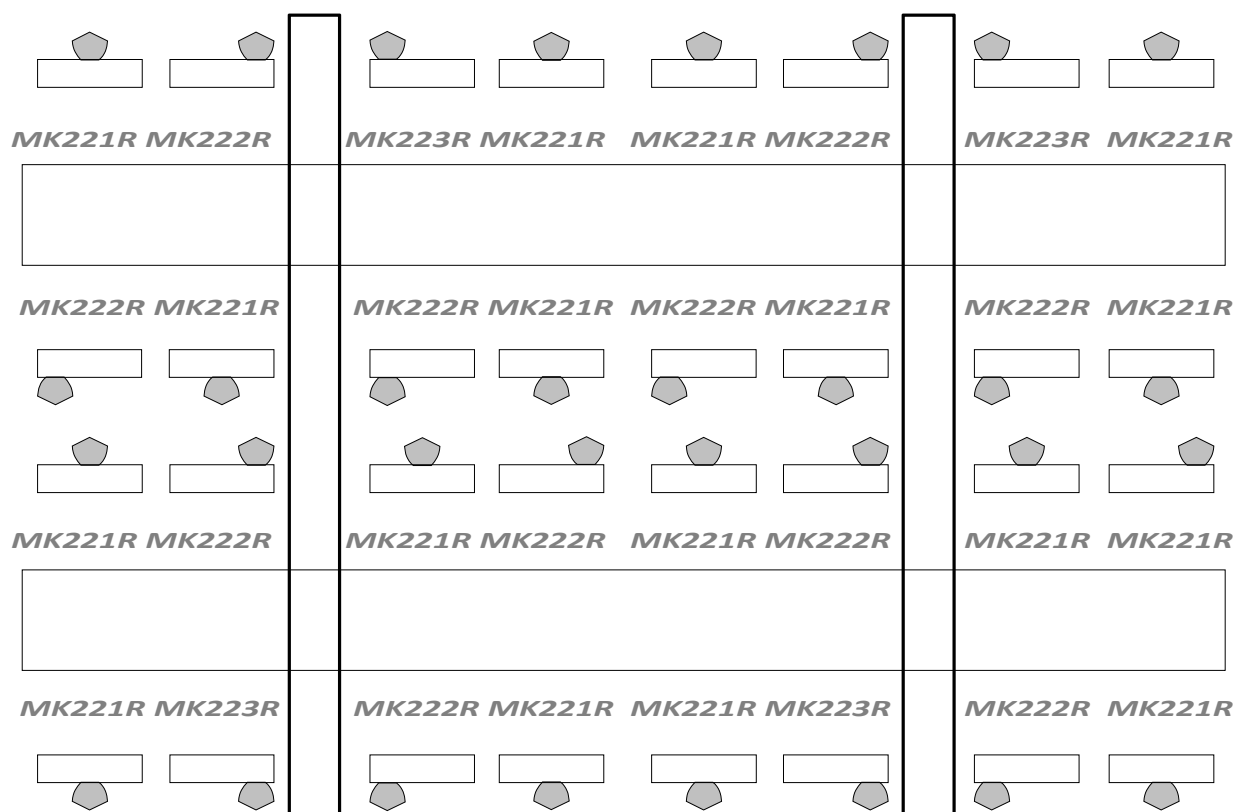
MK213R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/32

Outils longs – Long tools : 480 mm



MK221R : 16

MK222R : 12

MK223R : 4

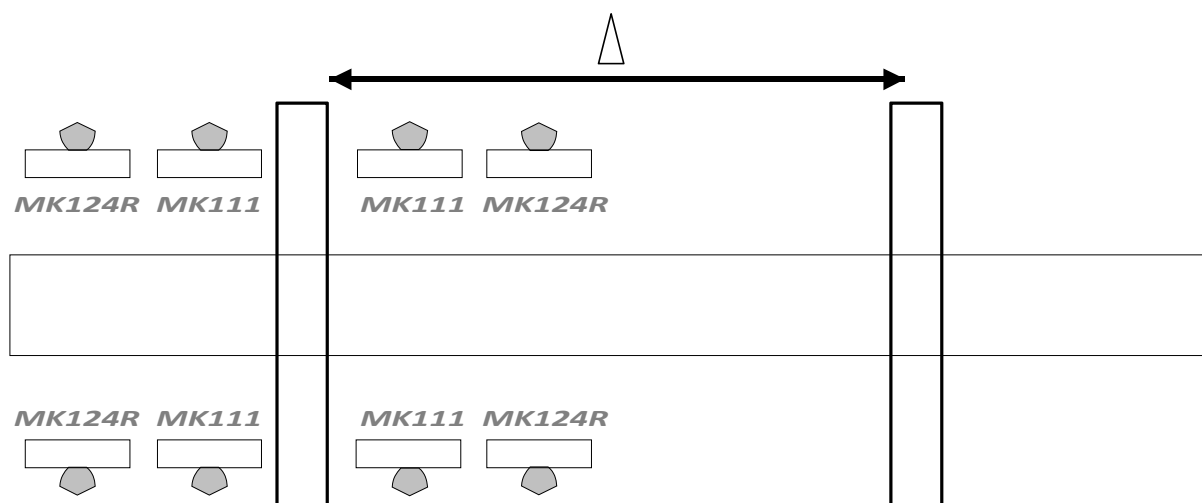


- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/75 GS/SP

Outils – Tools : 480/590 mm



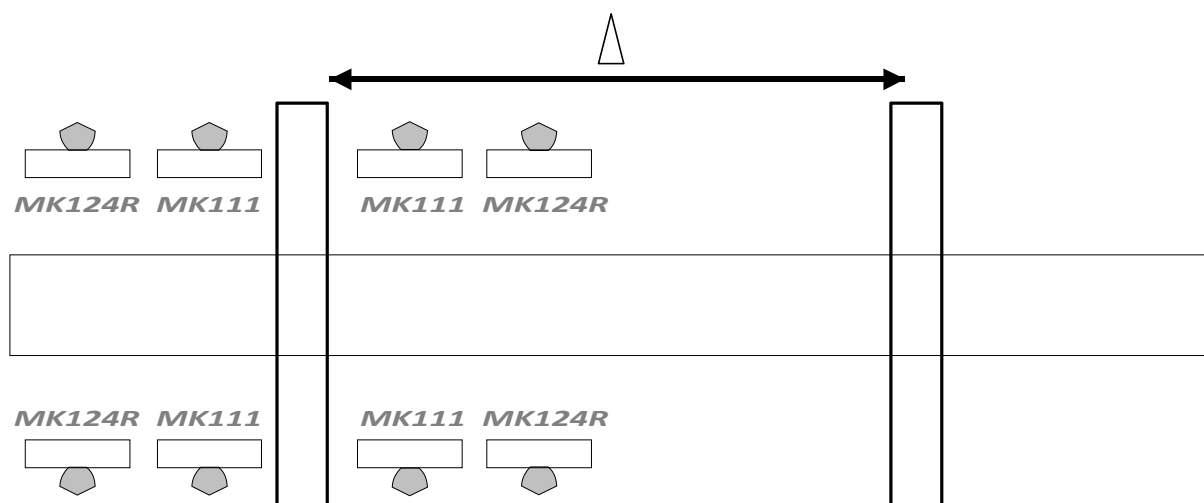
MK111 : 4
MK124R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type o8/75 ZW

Outils – Tools : 480/590 mm



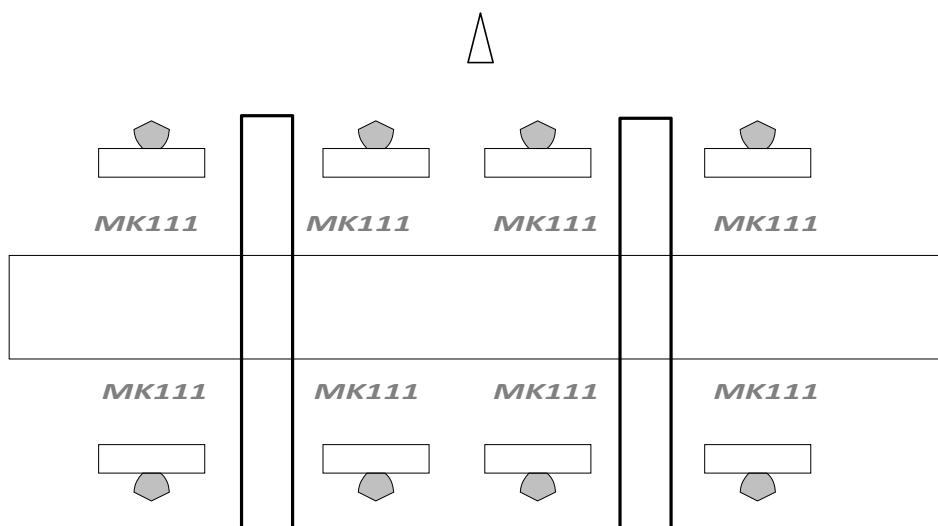
MK111 : 4
MK124R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/275

Outils – Tools : 590 mm



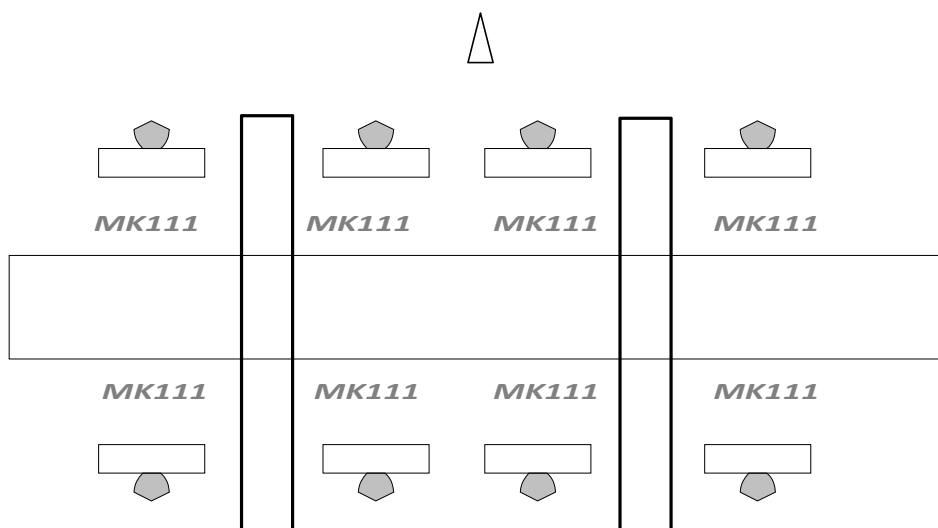
MK111 : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/275 ZW

Outils – Tools : 590 mm



MK111 : 8

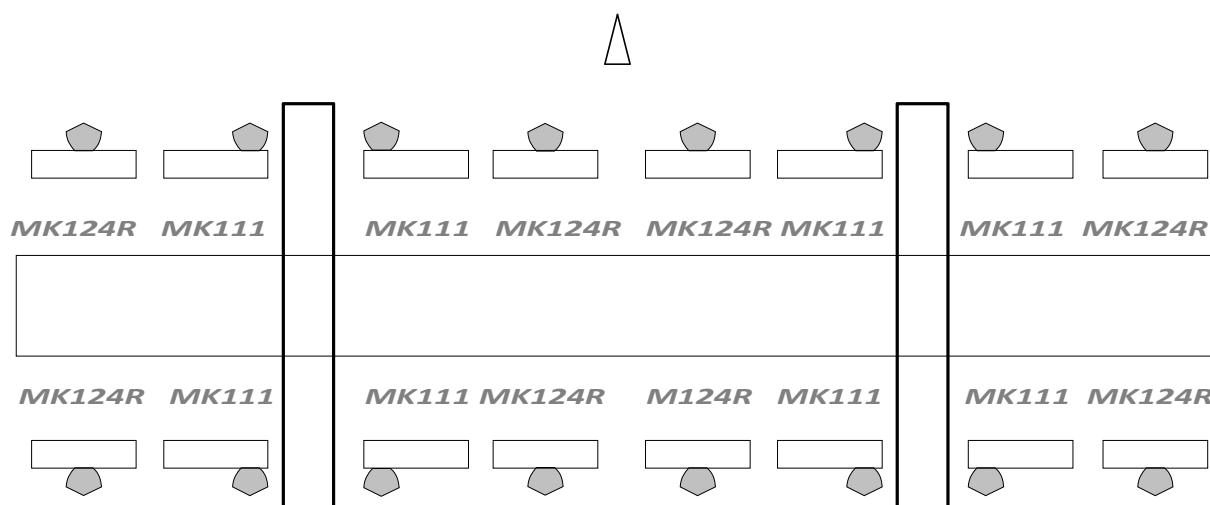
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08/275

Unimat et Unimat 3 S

Outils – Tools : 480/590 mm



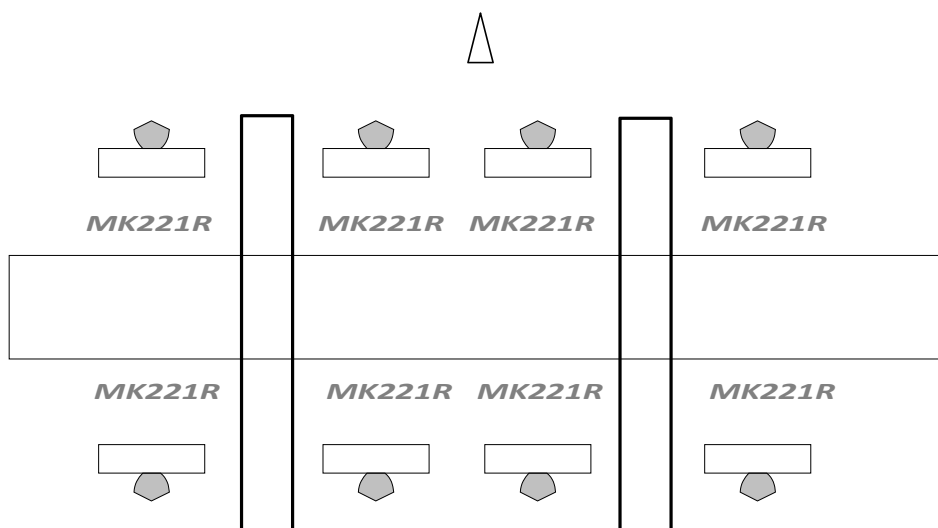
MK111 : 8
MK124R : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type EMV

Outils – Tools : 480 mm



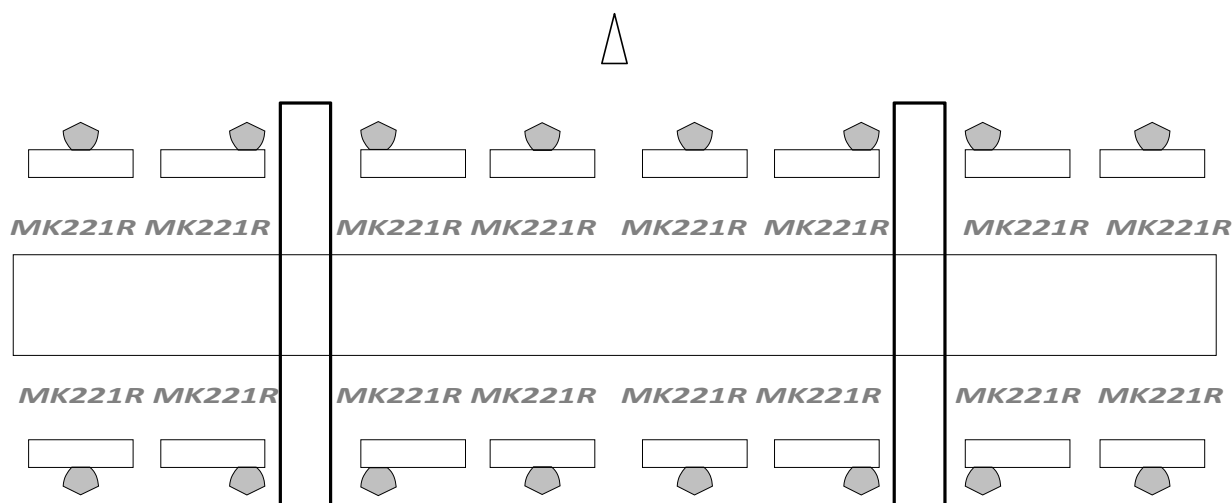
MK221R : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type o8-475 LGV

Outils longs – Long tools : 480 mm



MK221R : 16

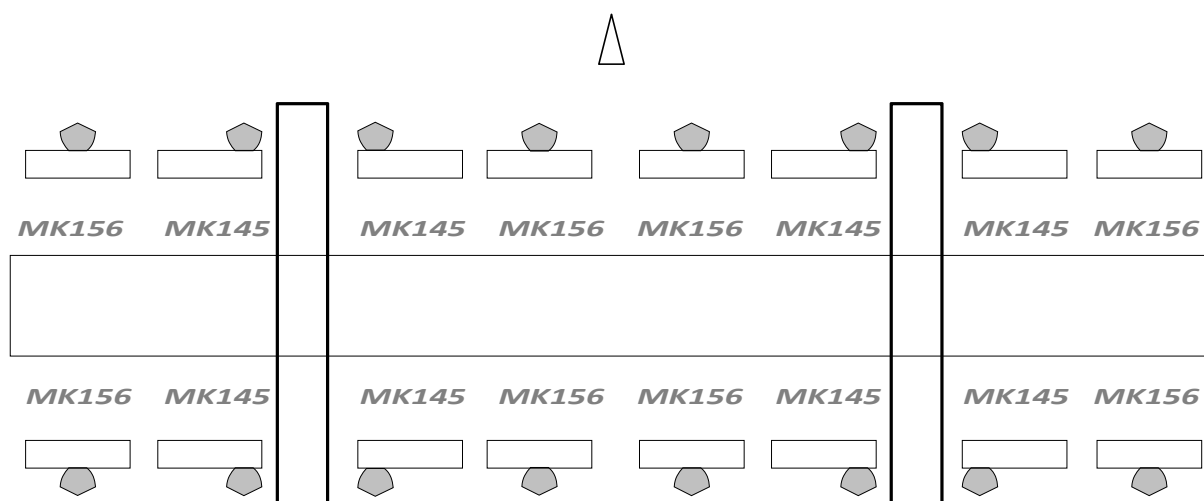
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type o8-475 4S

Avant/Before : 1992

Outils – Tools : 445/570 mm



MK145 : 8

MK156 : 8

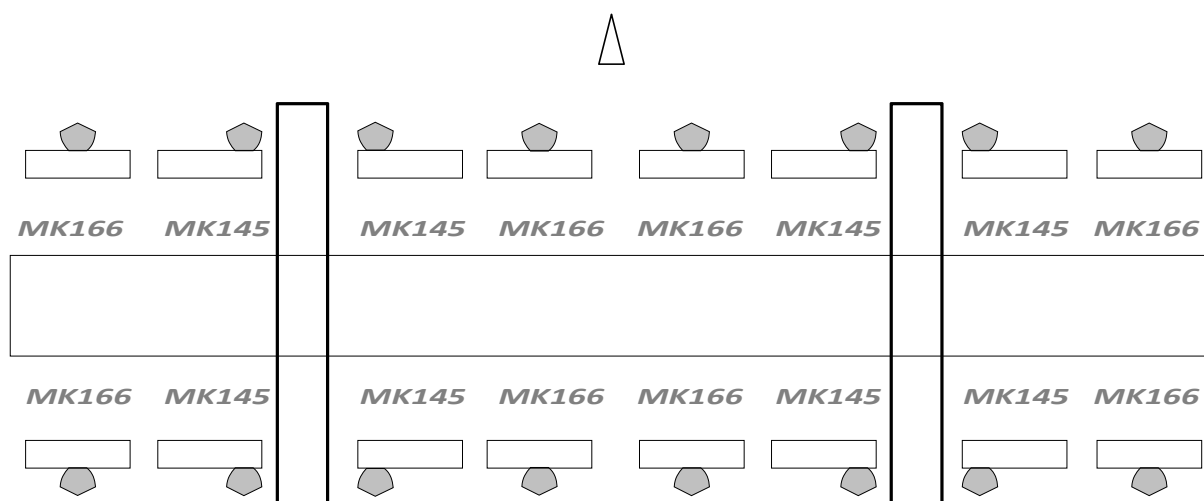
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type o8/475 4S

Après/After : 1993

Outils – Tools : 520/570 mm



MK145 : 8

MK166 : 8

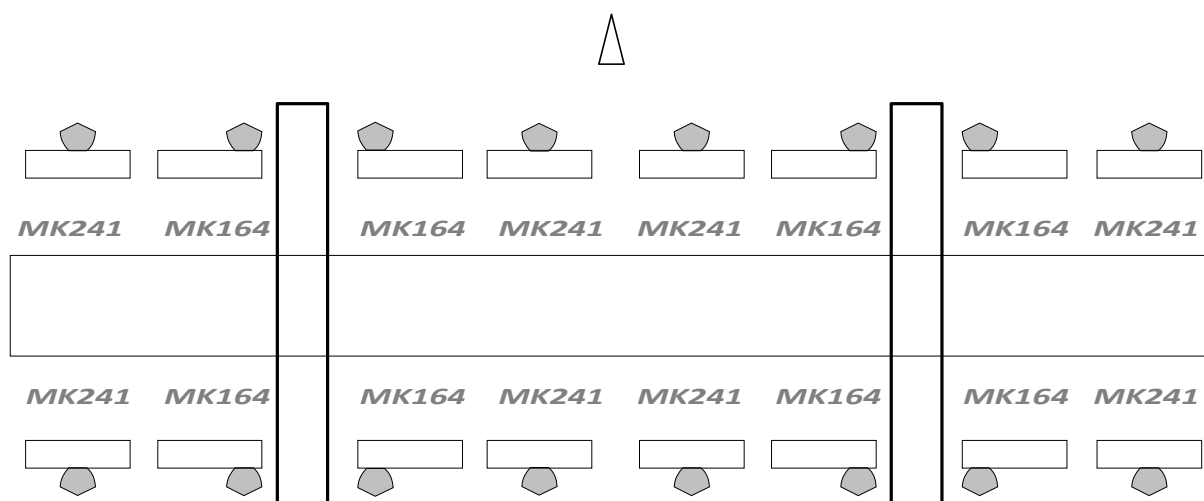
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 08-475 4S

Après/After : 2001

Outils – Tools : 500 mm



MK164 : 8

MK241 : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09-2X

Outils – Tools : 500 mm



 MK241	 MK241		 MK241	 MK241	 MK241	 MK241		 MK241	 MK241
MK241	MK245		MK241	MK245	MK241	MK245		MK241	MK245
 	 		 	 	 	 		 	
 	 		 	 	 	 		 	
MK245	MK241		MK245	MK241	MK245	MK241		MK245	MK241
MK241	MK241		MK241	MK241	MK241	MK241		MK241	MK241
 	 		 	 	 	 		 	

MK241 : 24

MK245 : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09-3X

Outils – Tools : 500 mm

MK241 : 32

MK245 : 16

									
MK241	MK241		MK241	MK241	MK241	MK241		MK241	MK241
MK241	MK245		MK241	MK245	MK241	MK245		MK241	MK245
									
									
MK245	MK241		MK245	MK241	MK245	MK241		MK245	MK241
MK241	MK245		MK241	MK245	MK241	MK245		MK241	MK245
									
									
MK245	MK241		MK245	MK241	MK245	MK241		MK245	MK241
MK241	MK241		MK241	MK241	MK241	MK241		MK241	MK241
									

DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09-4X

Outils – Tools : 500 mm

MK241 : 40

MK245 : 24



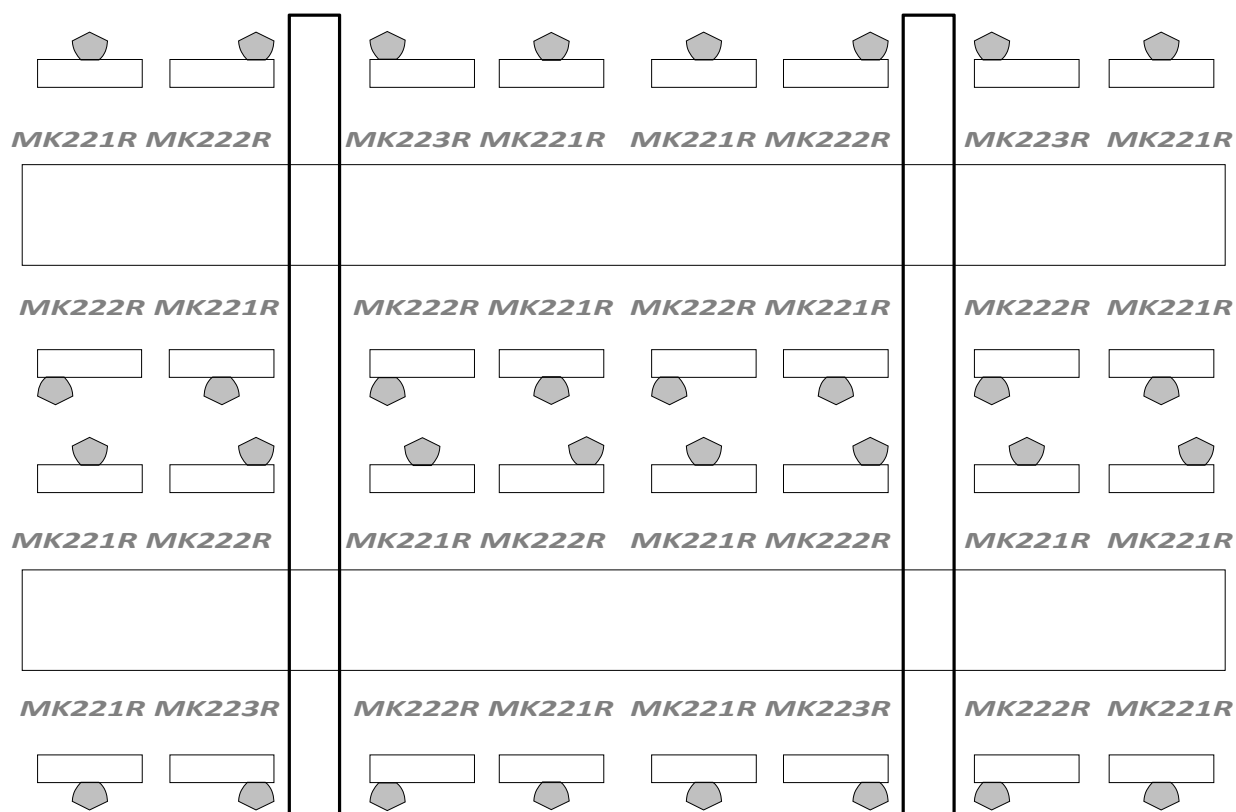
DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09 Dynamic

Outils Longs – Long tools : 480 mm



MK221R : 16

MK222R : 12

MK223R : 4

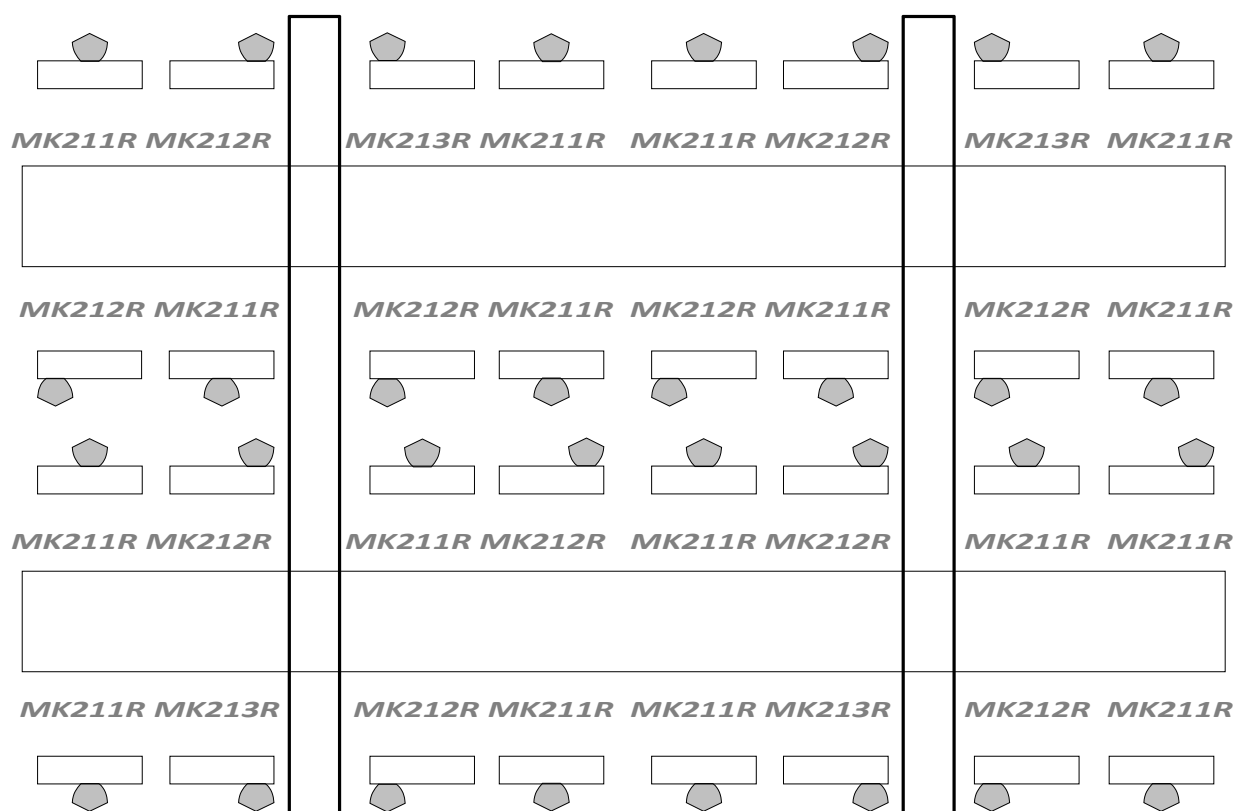


- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09 Dynamic

Outils moyens – Medium Tools : 450 mm



MK211R : 16

MK212R : 12

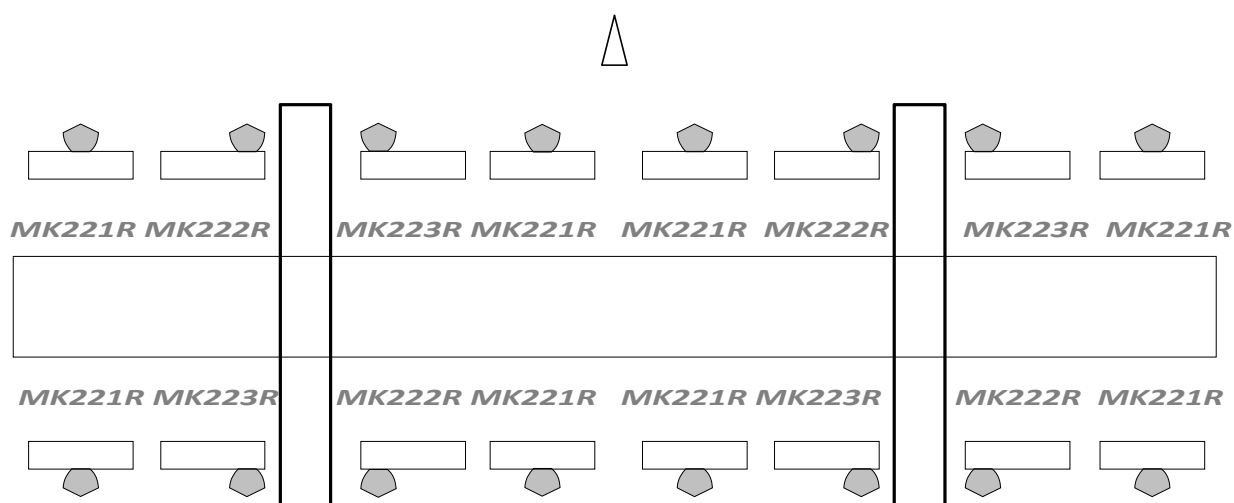
MK213R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09/16 CSM

Outils Longs – Long Tools : 480 mm



MK221R : 8

MK222R : 4

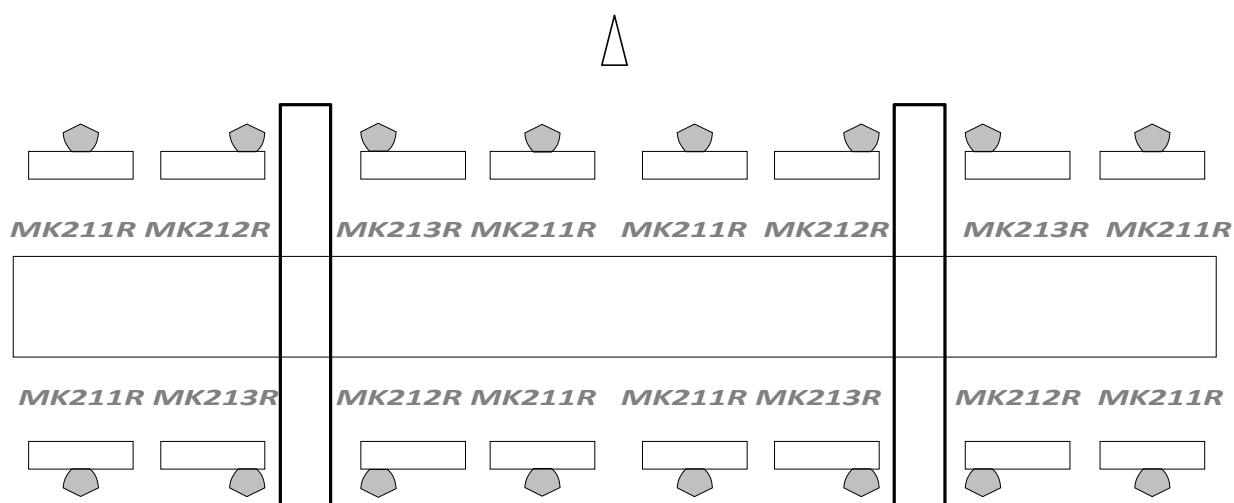
MK223R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09/16 CSM

Outils moyens – Medium Tools : 450 mm



MK211R : 8

MK212R : 4

MK213R : 4

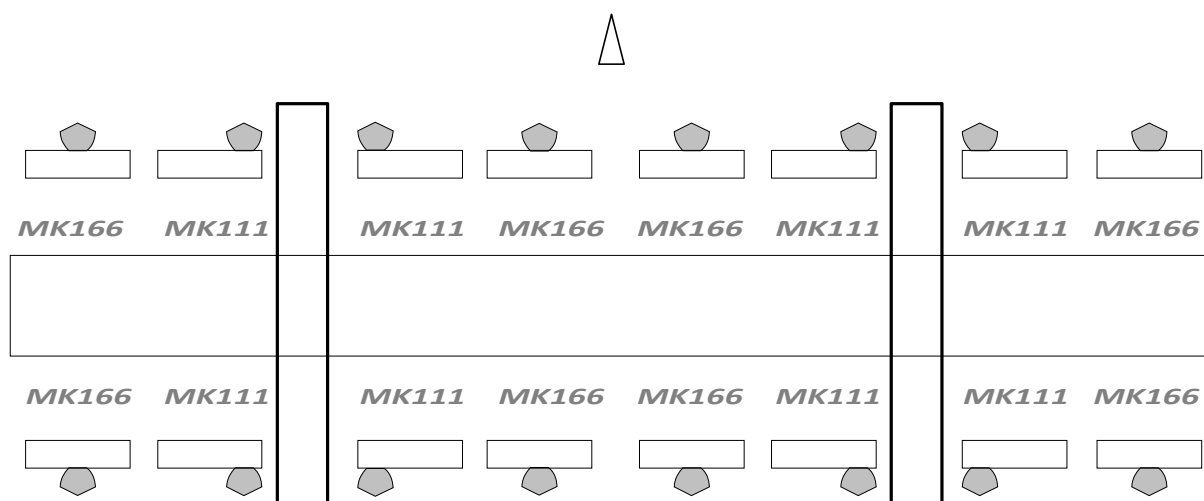
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09/16 4S

Avant/Before : 2001

Outils – Tools : 520/590 mm



MK166 : 8

MK111 : 8

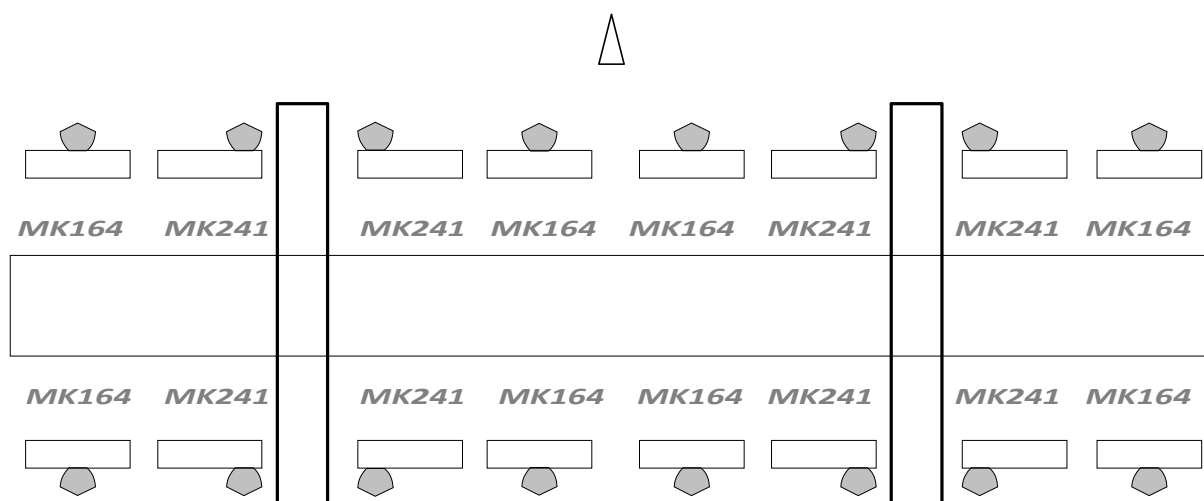
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09/16 4S

Après/After : 2001

Outils – Tools : 500 mm



MK164 : 8

MK241 : 8

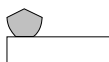
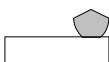
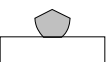
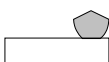
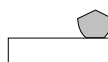
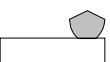
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09/32 4S

Outils – Tools : 550 mm



 MK251		 MK251				 MK251	
 MK251		 MK251				 MK251	
 MK251		 MK251				 MK251	
 MK251		 MK251				 MK251	
 MK251		 MK251				 MK251	
 MK251		 MK251				 MK251	
 MK251		 MK251				 MK251	

MK251R : 32

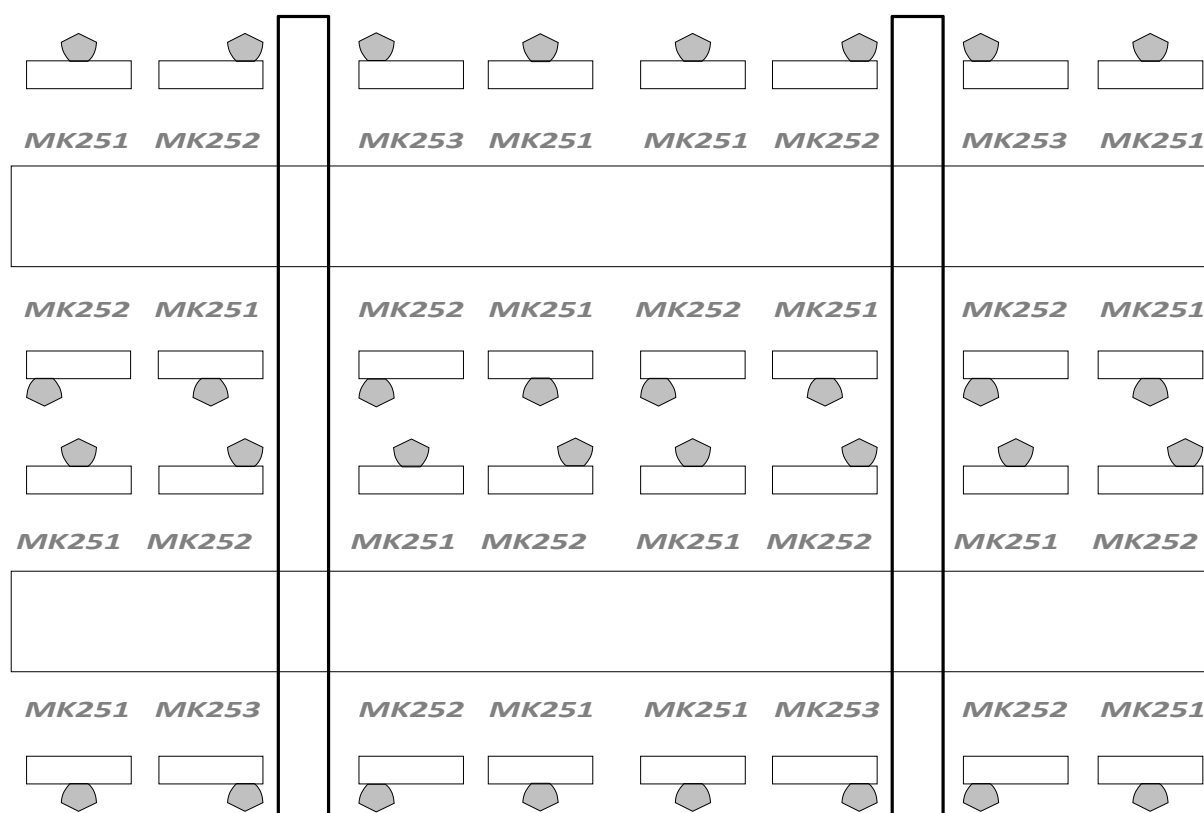
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09/32 CSM

Entre/Between : 93-95

Outils – Tools : 550 mm



MK251 : 16

MK252 : 12

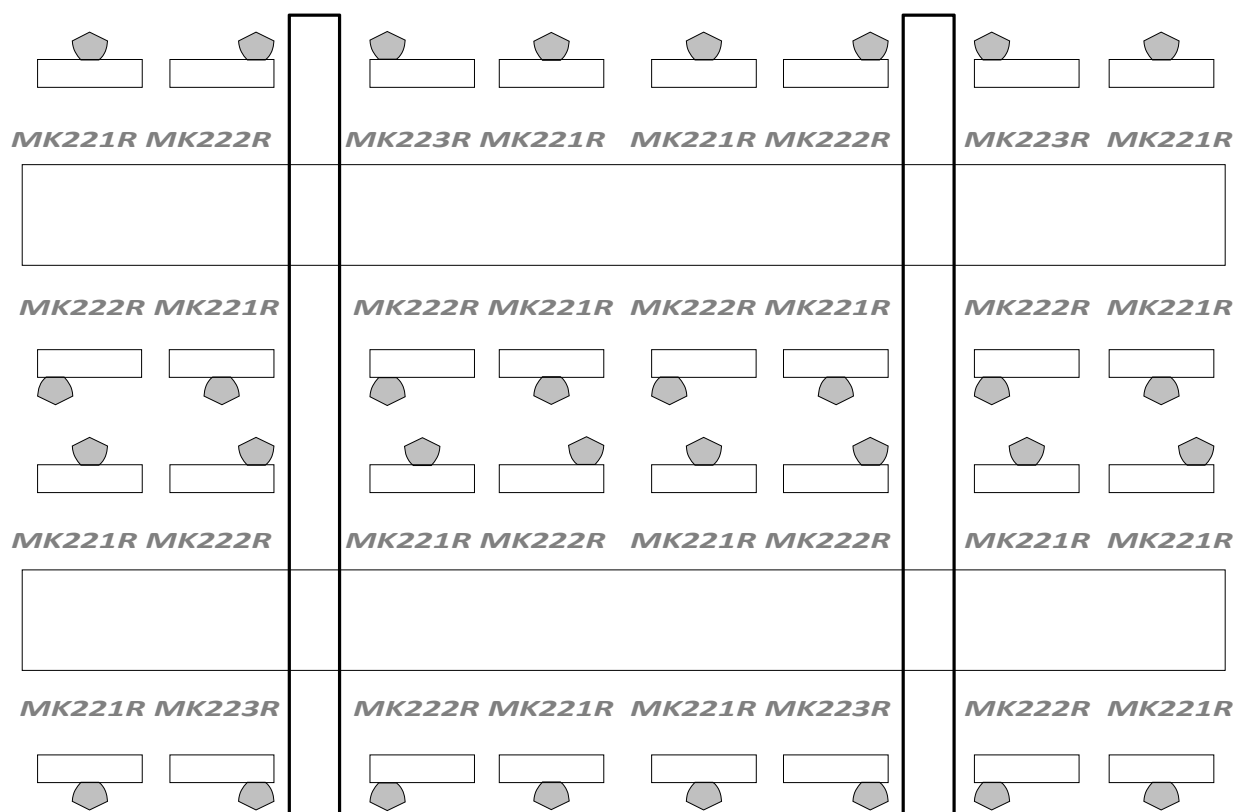
MK253 : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09/32 CSM

Outils Longs – Long Tools : 480 mm



MK221R : 16

MK222R : 12

MK223R : 4

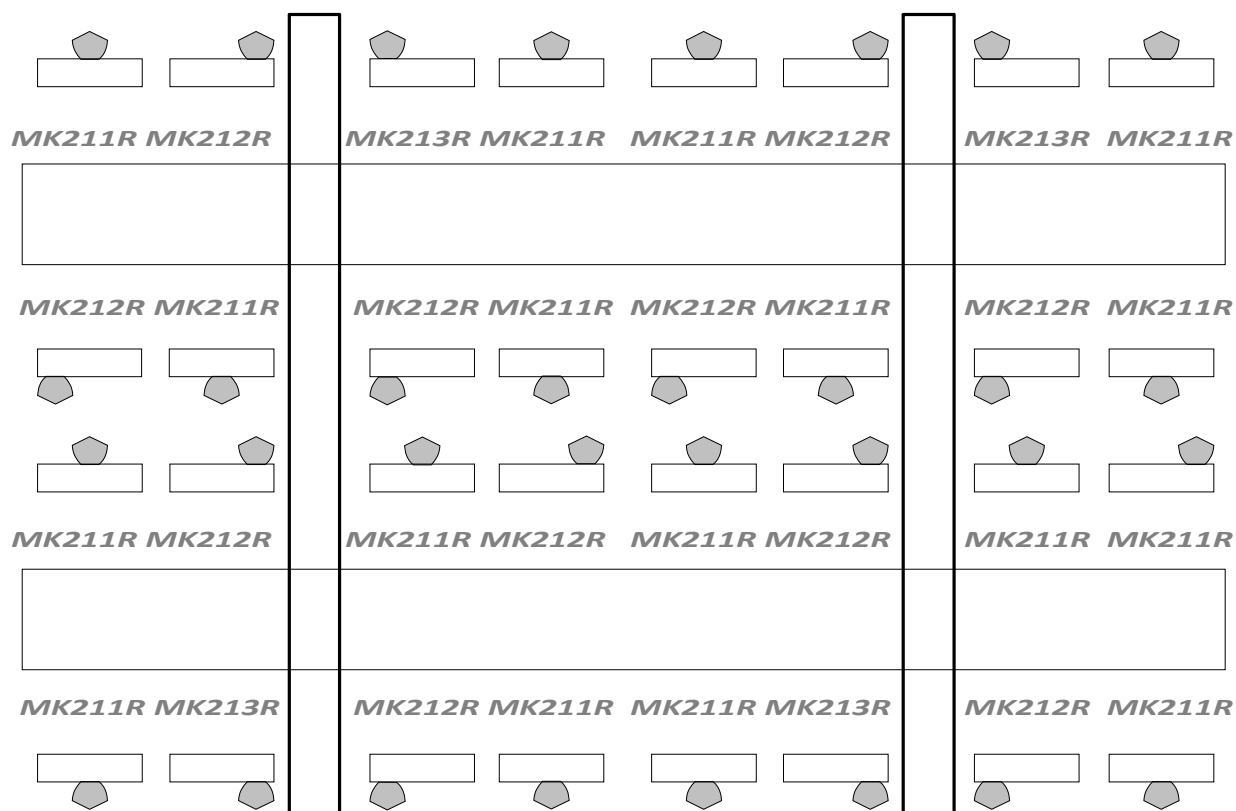


- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09/32 CSM

Outils moyens – Medium tools : 450 mm



MK211R : 16

MK212R : 12

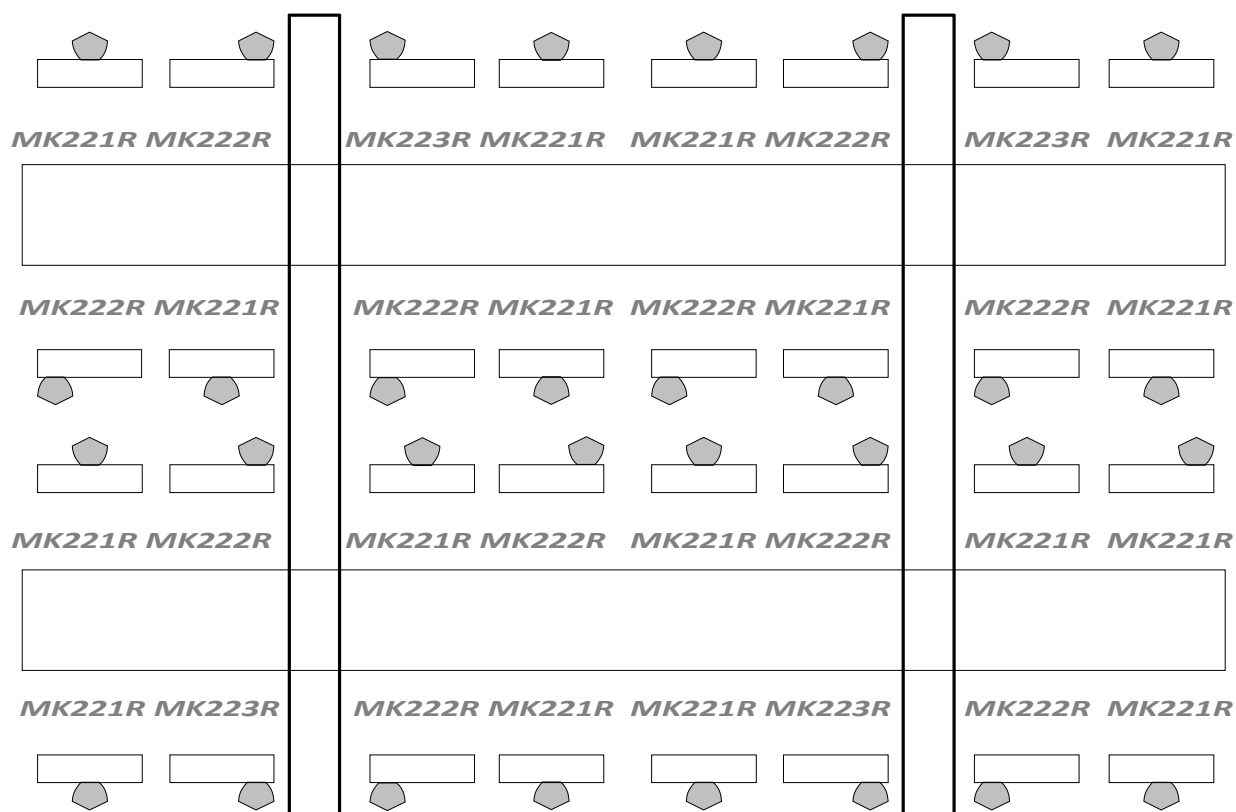
MK213R : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 09/90

Outils longs – Long tools : 480 mm



MK221R : 16

MK222R : 12

MK223R : 4

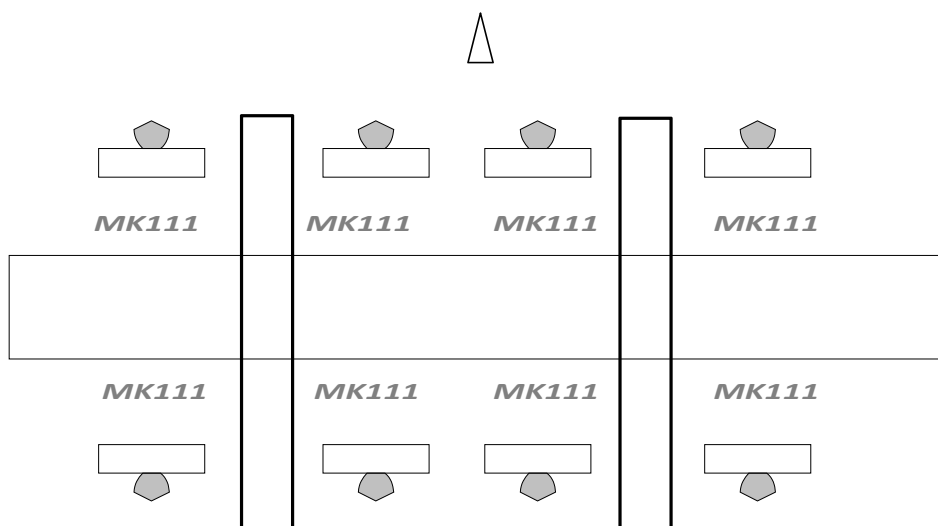


- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 79/800 W

Outils – Tools : 590 mm



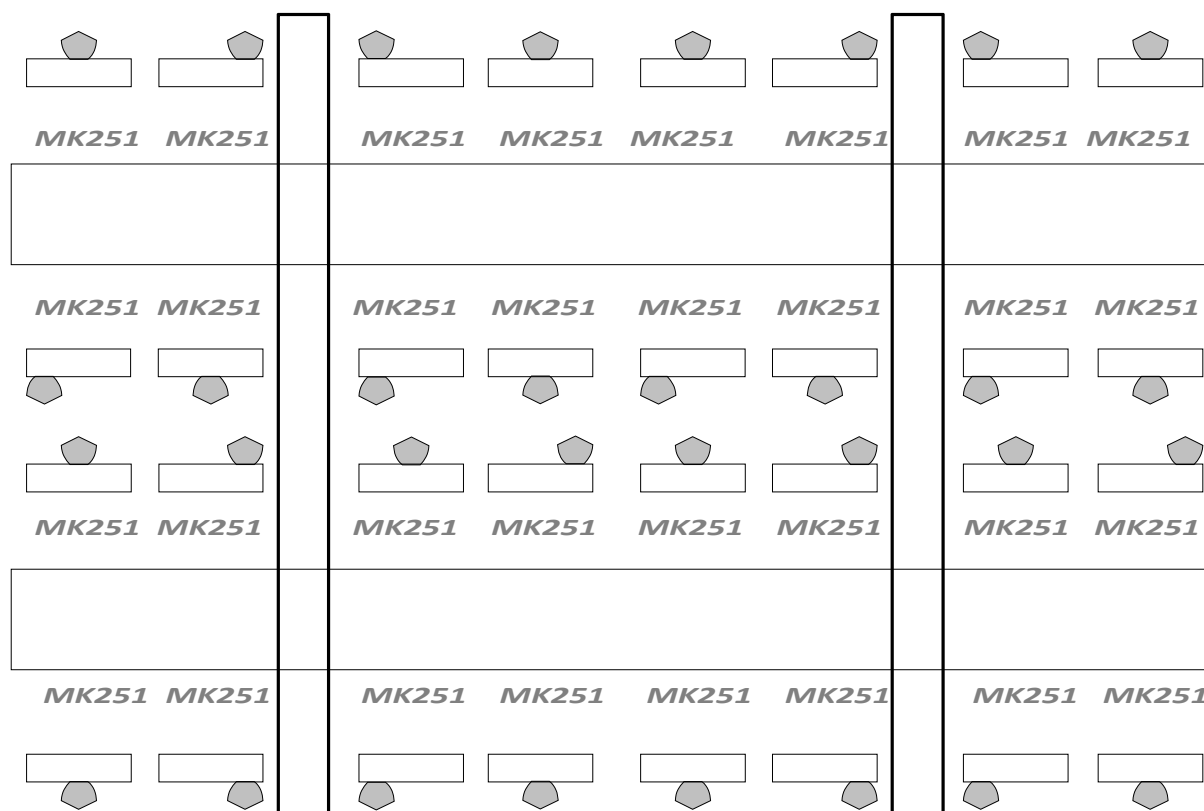
MK111 : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 108 Framaffer

Outils – Tools : 550 mm



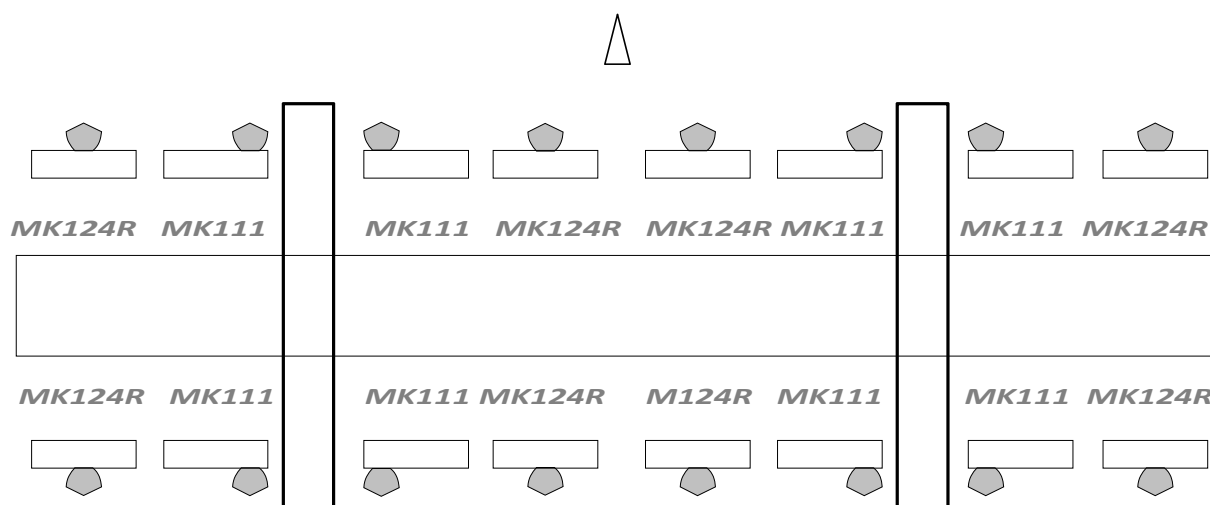
MK251 : 32

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 108/275

Outils – Tools : 480/590 mm



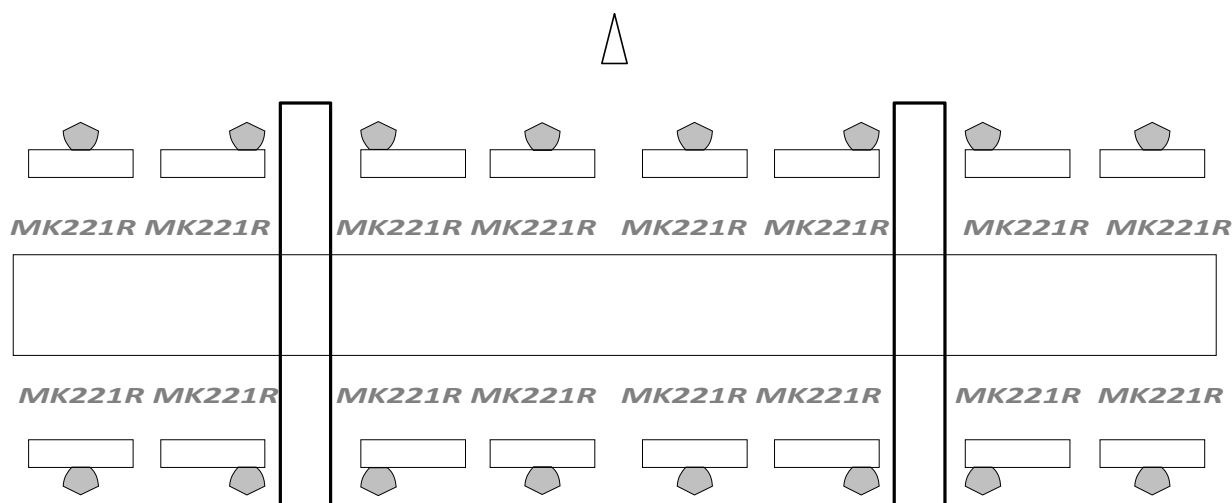
MK111 : 8
MK124R : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 108-475

Outils longs – Long tools : 480 mm



MK221R : 16

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 109 Framaffer

Outils – Tools : 550 mm



 MK251 MK252		 MK253 MK251 MK251 MK252		 MK253 MK251
 MK252 MK251		 MK252 MK251 MK252 MK251		 MK252 MK251
 MK251 MK252		 MK251 MK252 MK251 MK252		 MK251 MK252
 MK251 MK253		 MK252 MK251 MK251 MK253		 MK252 MK251

MK251 : 16

MK252 : 12

MK253 : 4

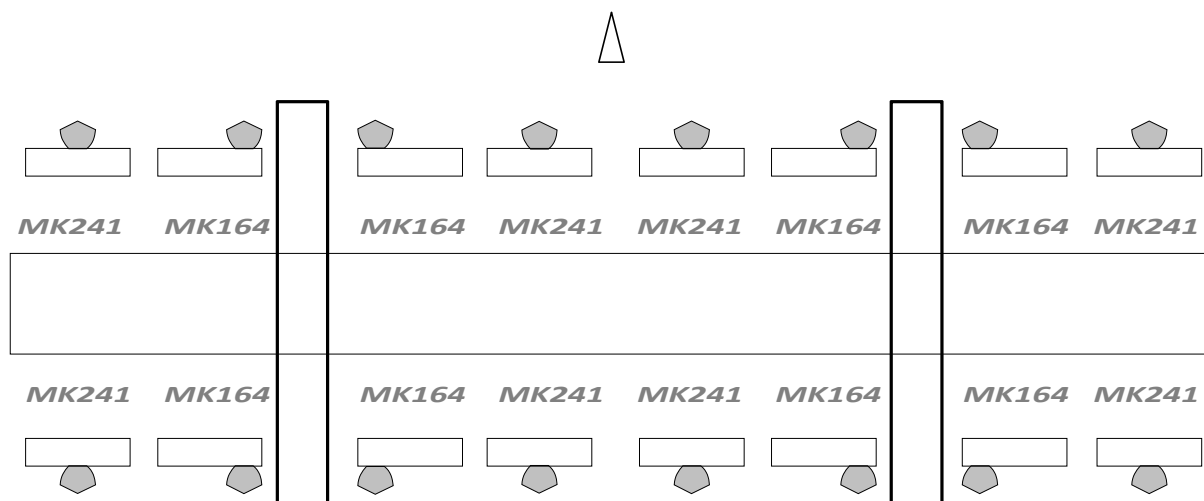
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 4X4

Après/After : 2001

Outils – Tools : 500 mm



MK164 : 8

MK241 : 8

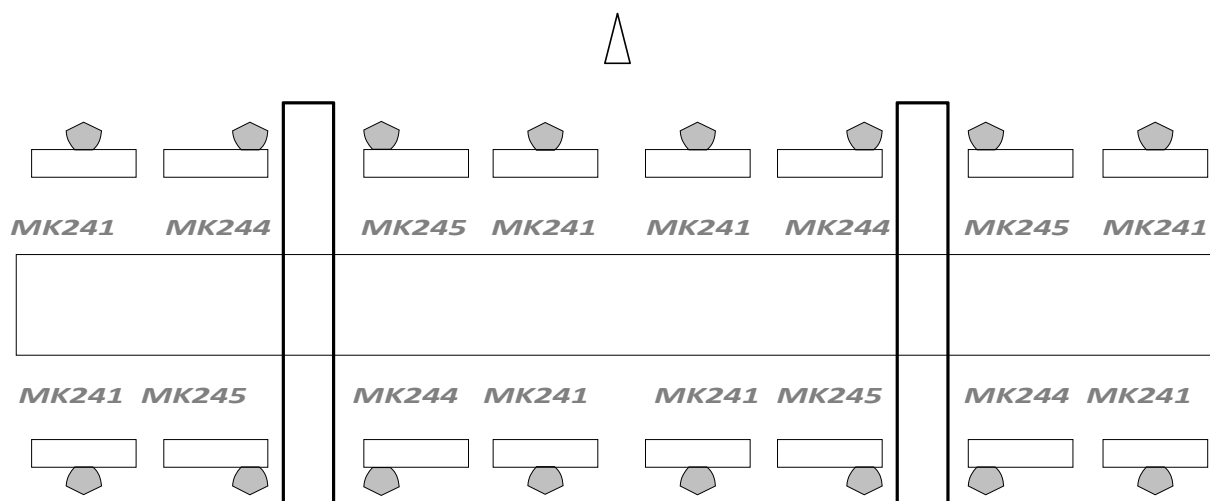
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 4X4C 100-RT

Après/After : 2002

Outils – Tools : 500 mm



MK241 : 8

MK244 : 4

MK245 : 4

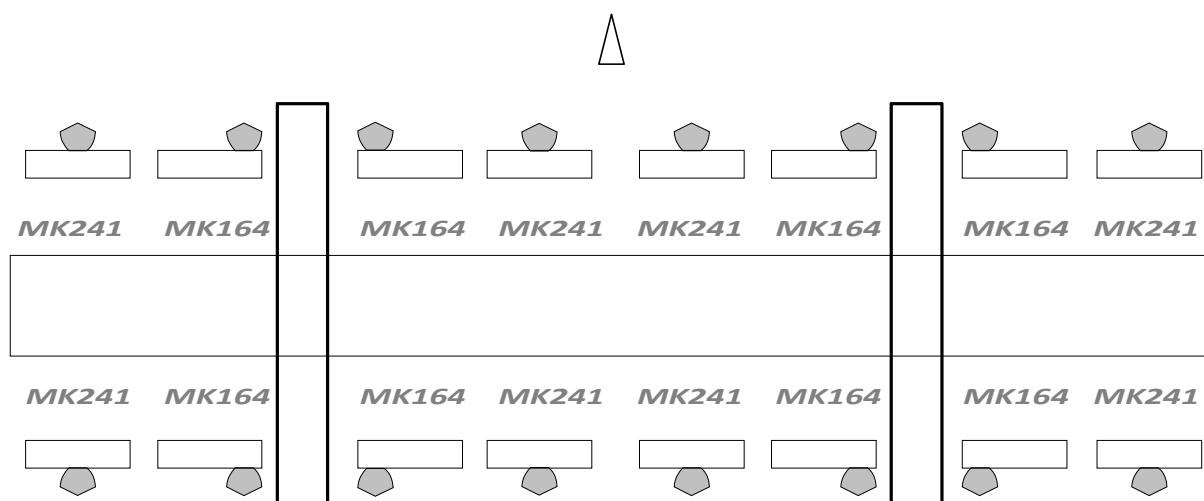
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type 4S-RT

Après/After : 2001

Outils – Tools : 500 mm



MK164 : 8

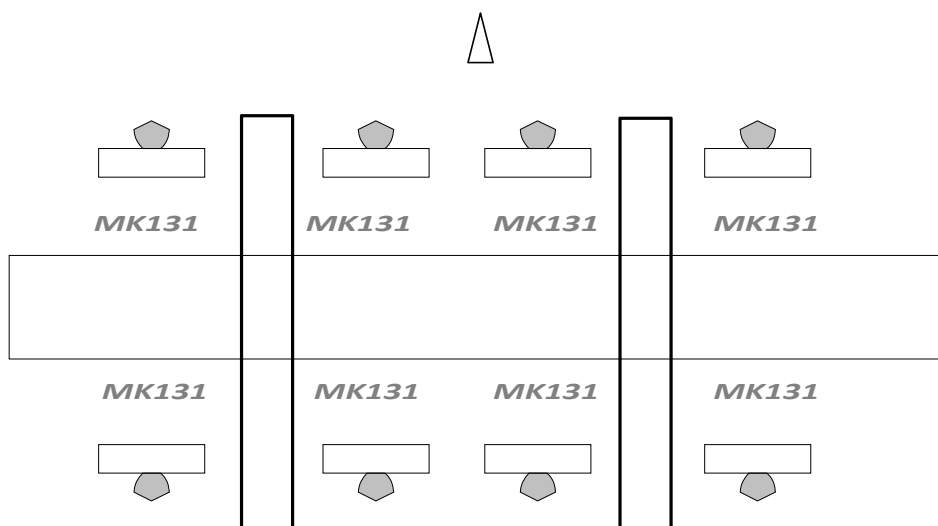
MK241 : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type UST 78 W

Outils – Tools : 520 mm



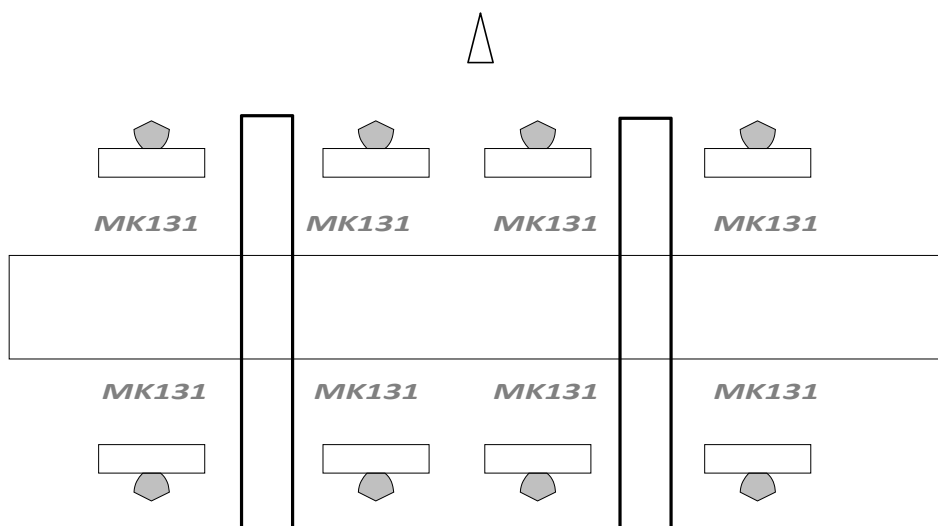
MK131 : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type UST 79S

Outils – Tools : 520 mm



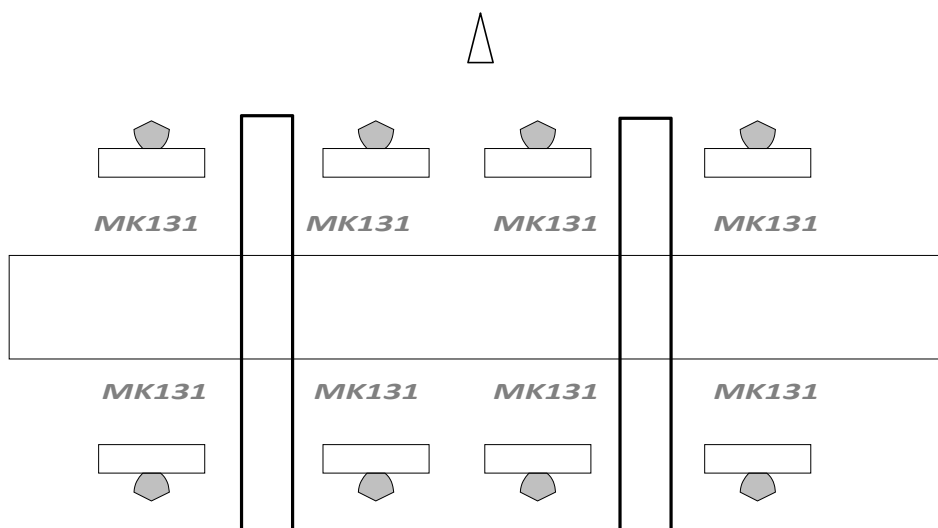
MK131 : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



P & T Type UST 79W

Outils – Tools : 520mm



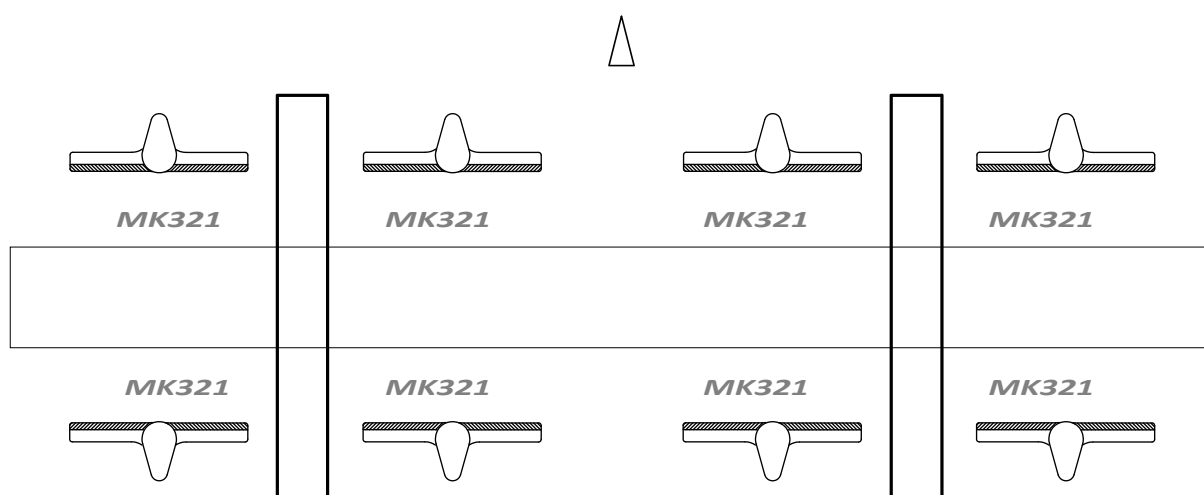
MK131 : 8

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MATISA Type B2oBI AC-4

Outils – Tools : 510 mm



MK321 : 8 (OEM # 12.70.114.000.00 ou/or 19.82.203.360.01)

les Machines n° 803 et 805 sont équipées de ces outils courts (France)

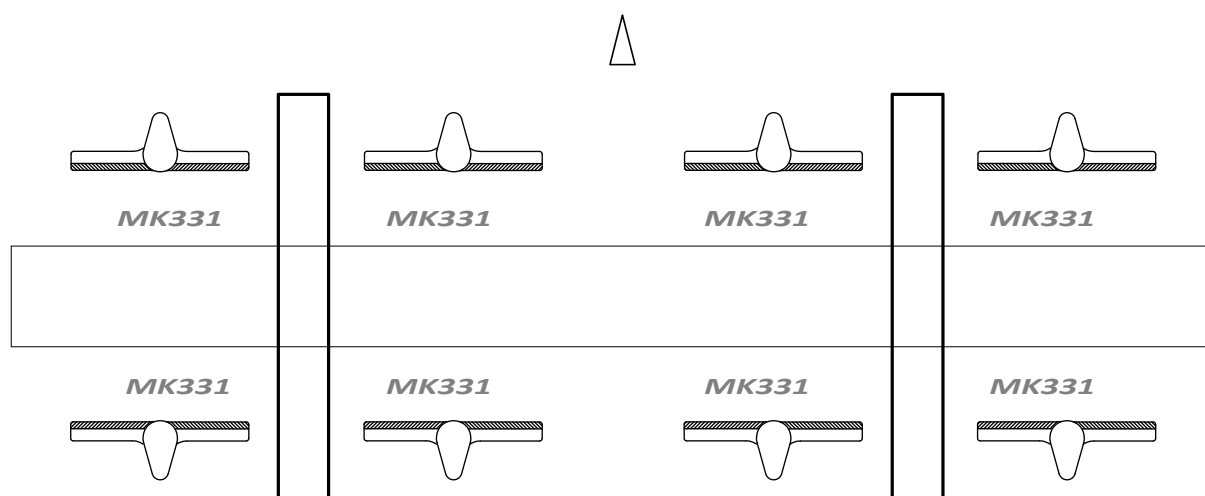
La B2oBI AC-4 peut également être équipée avec des MK331 - outils longs (page suivante)
The B2oBI AC-4 may be equipped with MK331- long tools (next page)

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MATISA Types Combizo - B2oBI AC-4

Outils – Tools : 550 mm



MK331 : 8 (OEM # 12.70.116.000.00 ou 14.70.109.000.00)

La machine n° 801 est équipée de ces outils longs (France)

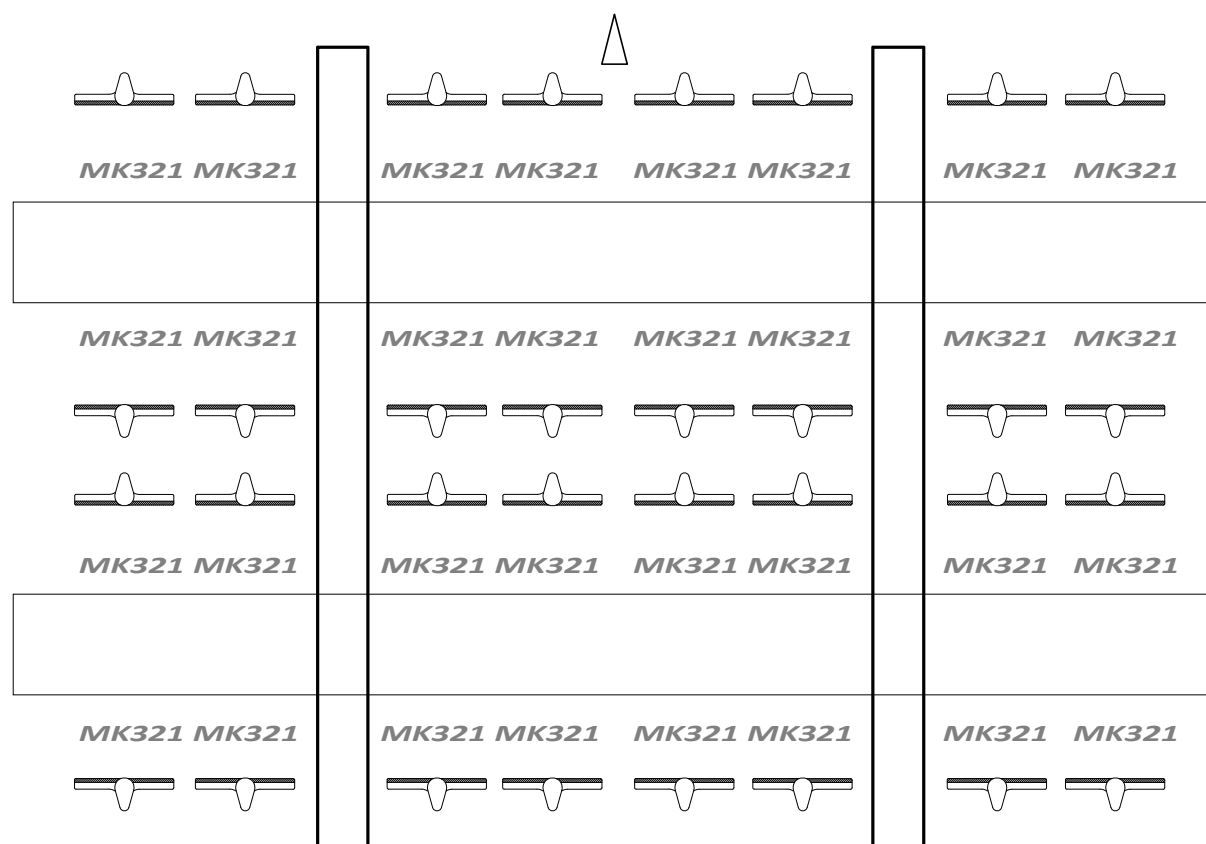
La B2oBI AC-4 peut également être équipée avec des MK321 - outils courts (page précédente)
The B2oBI AC-4 may be equipped with MK321- short tools (previous page)

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MATISA Types B30D - B40D - B41D - B45D - B50D

Outils Standards – Standard tools : 510 mm



MK321 : 32 (OEM # 12.70.114.000.00 ou 19.82.203.360.01)

DESSIN NON CONTRACTUEL / NON CONTRACTUAL DRAWING

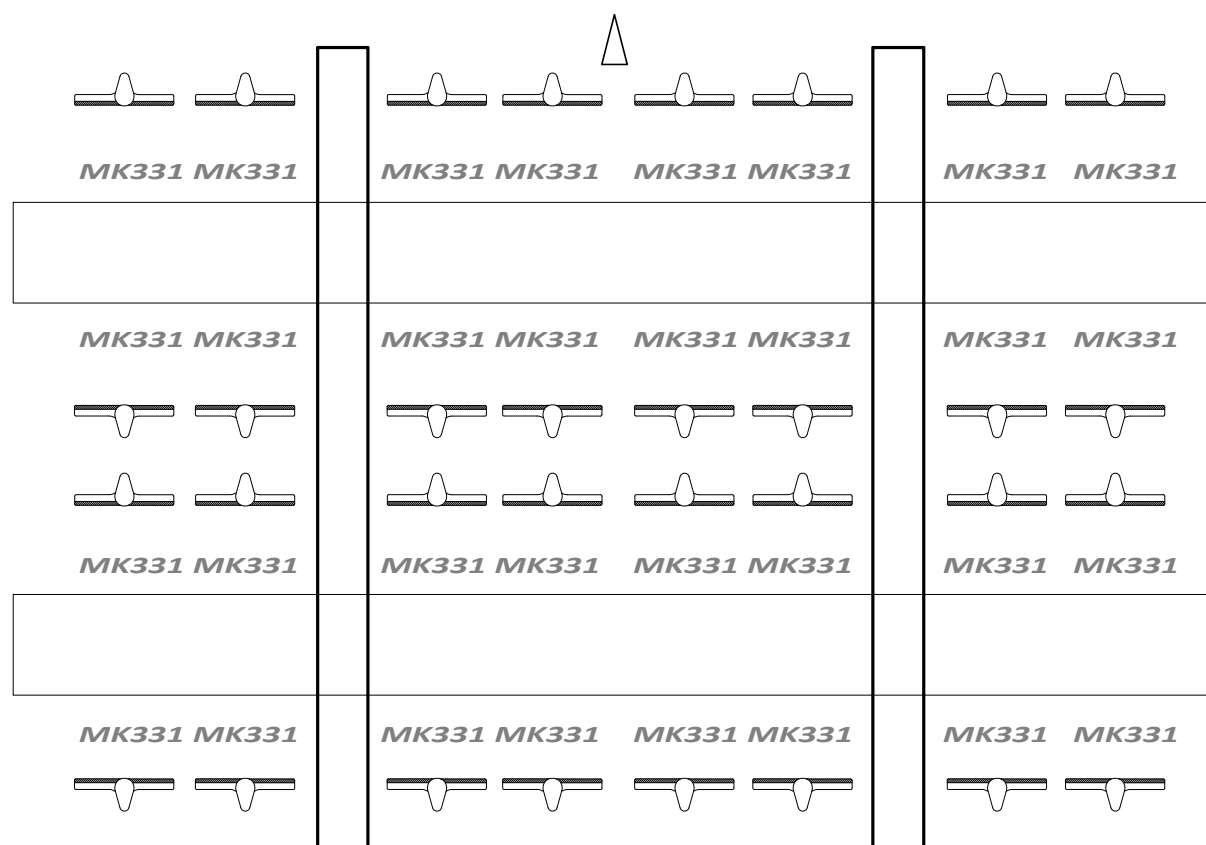
Tel : +33.1.45.94.20.20 - Fax : +33.01.45.94.46.08 - contact@mktool.com

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MATISA Types B45D – B50D

Outils longs – Long tools : 550 mm



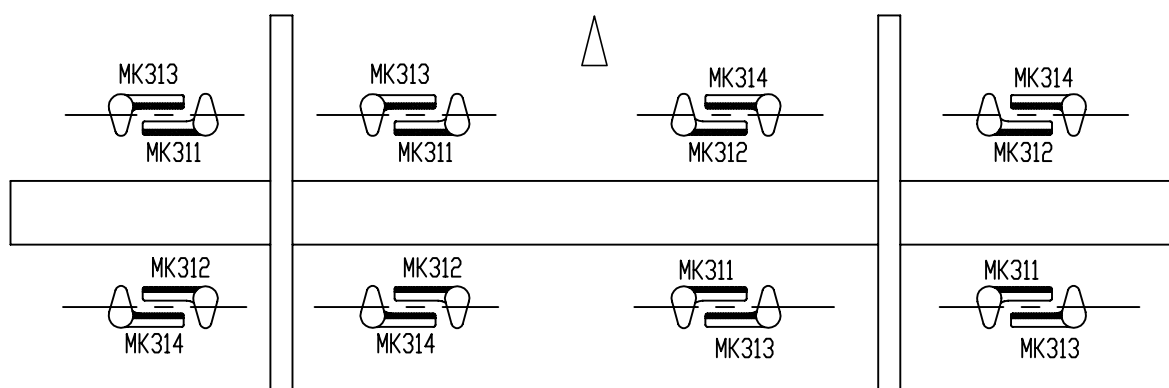
MK331 : 32 (OEM # 12.70.116.000.00 ou 14.70.109.000.00)

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MATISA Types B40U - B41U - B66U

Outils – Tools : 530 mm



MK311 : 4 (OEM # 12.70.115.00001 - Pos1 ou 19.82.447.140.01)

MK312 : 4 (OEM # 12.70.115.00002 - Pos2 ou 19.82.447.140.02)

MK313 : 4 (OEM # 12.70.115.00003 - Pos3 ou 19.82.447.140.01)

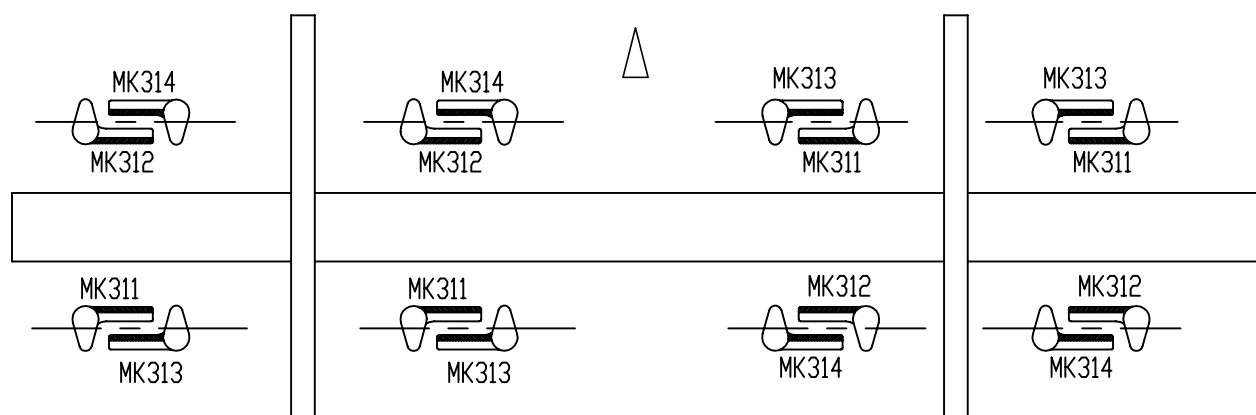
MK314 : 4 (OEM # 12.70.115.00004 - Pos4 ou 19.82.447.140.02)

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MATISA Types B40UE - B41UE - B45UE

Outils – Tools : 530 mm



MK311 : 4 (OEM # 12.70.115.00001 - Pos1 ou 19.82.447.140.01)

MK312 : 4 (OEM # 12.70.115.00002 - Pos2 ou 19.82.447.140.02)

MK313 : 4 (OEM # 12.70.115.00003 - Pos3 ou 19.82.447.140.01)

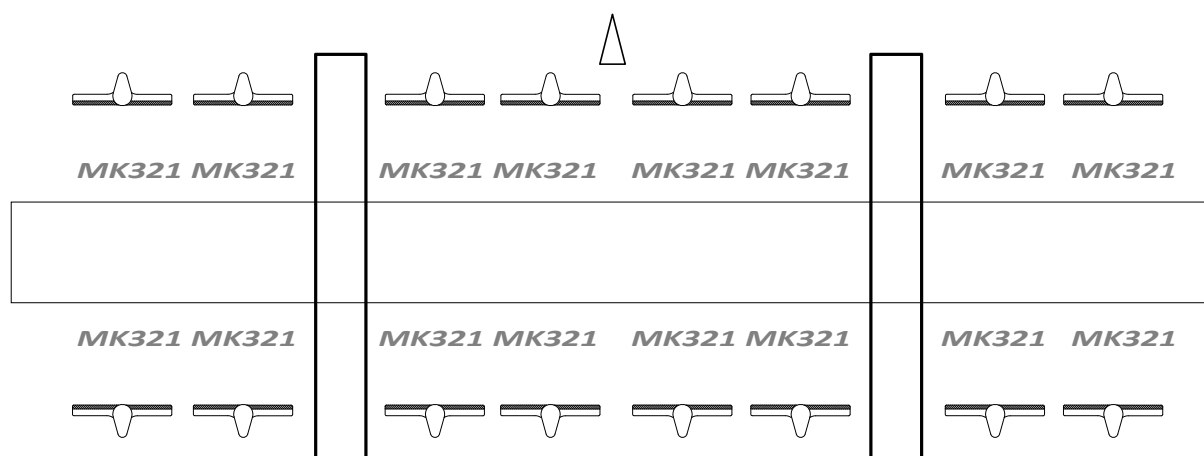
MK314 : 4 (OEM # 12.70.115.00004 - Pos4 ou 19.82.447.140.02)

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MATISA Types B2oL - B3oL - B4oL - B45L

Outils – Tools : 510 mm



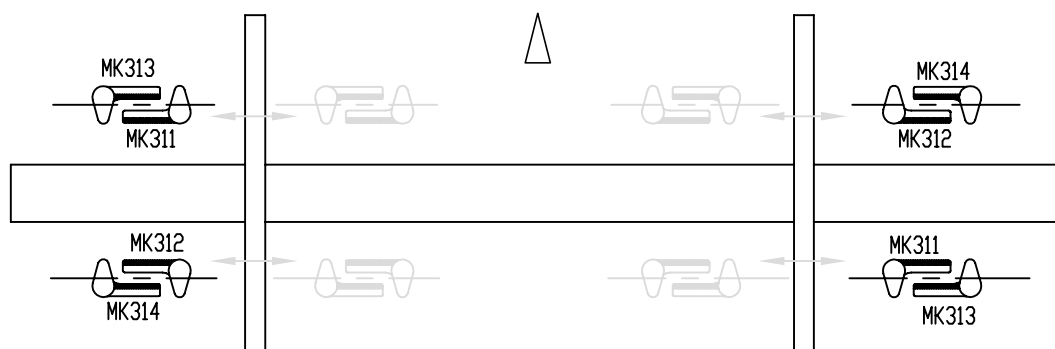
MK321 : 16 (OEM # 12.70.114.000.00 ou 19.82.203.360.01)

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



MATISA Types B20C - B20-75C - B20-95C

Outils – Tools : 530 mm



MK311 : 2 (OEM # 12.70.115.00001 - Pos1 ou 19.82.447.140.01)

MK312 : 2 (OEM # 12.70.115.00002 - Pos2 ou 19.82.447.140.02)

MK313 : 2 (OEM # 12.70.115.00003 - Pos3 ou 19.82.447.140.01)

MK314 : 2 (OEM # 12.70.115.00004 - Pos4 ou 19.82.447.140.02)

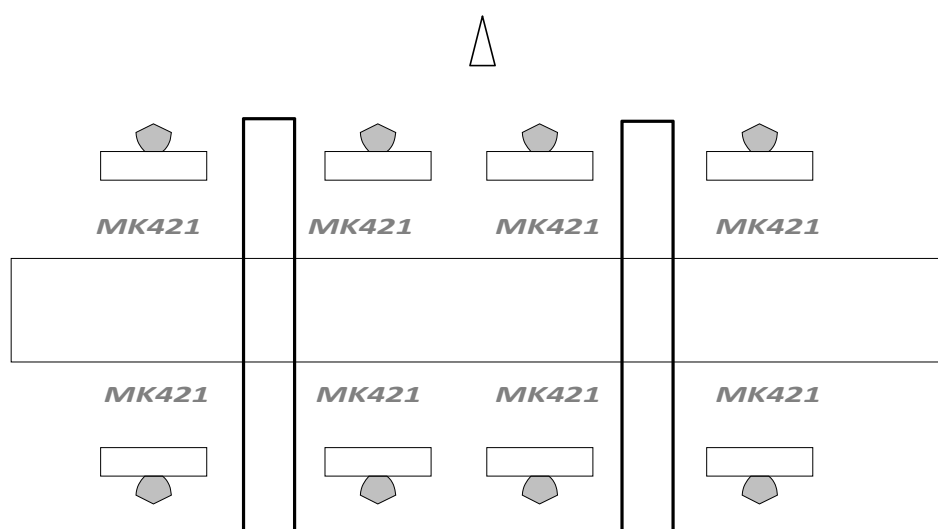
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



JACKSON

Machine de voie – Plain line machine

Outils – Tools : 500 mm



MK421 : 8

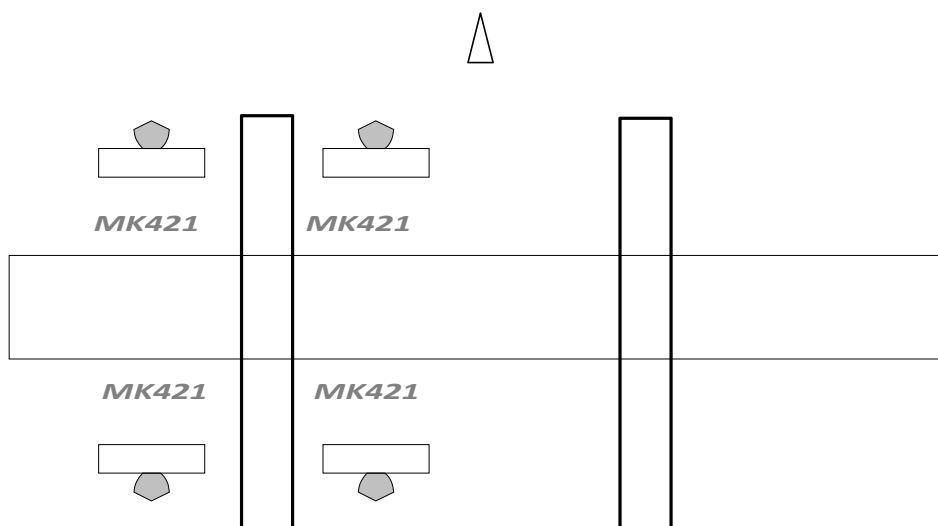
- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



JACKSON

Machine d'appareils/Switchs machine

Outils – Tools : 500 mm



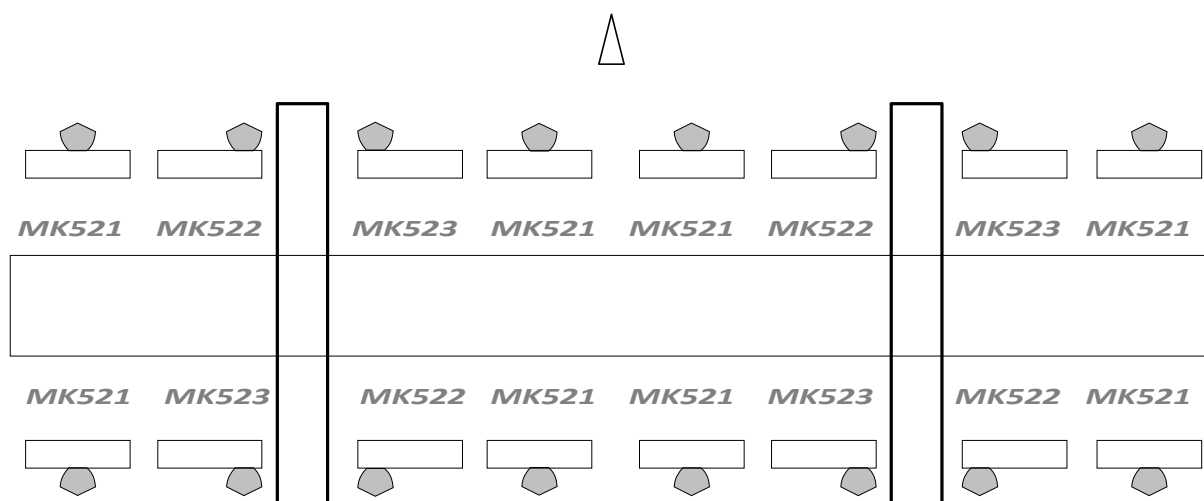
MK421 : 4

- Product quality is of paramount importance to us. Therefore we are certified to EN ISO 9001 since more than a decade. Recently we have been certified to EN ISO 14001 and OHSAS 18001 focusing our commitment to the environment as well as to health and safety.
- Certifiés EN ISO 9001:2008, En ISO 14001:2004 et OHSAS 18001, pour un service toujours amélioré et un respect des personnes et de l'environnement.



TAMPER HARSCO

Outils – Tools : 450 mm



MK521 : 8

MK522 : 4

MK523 : 4