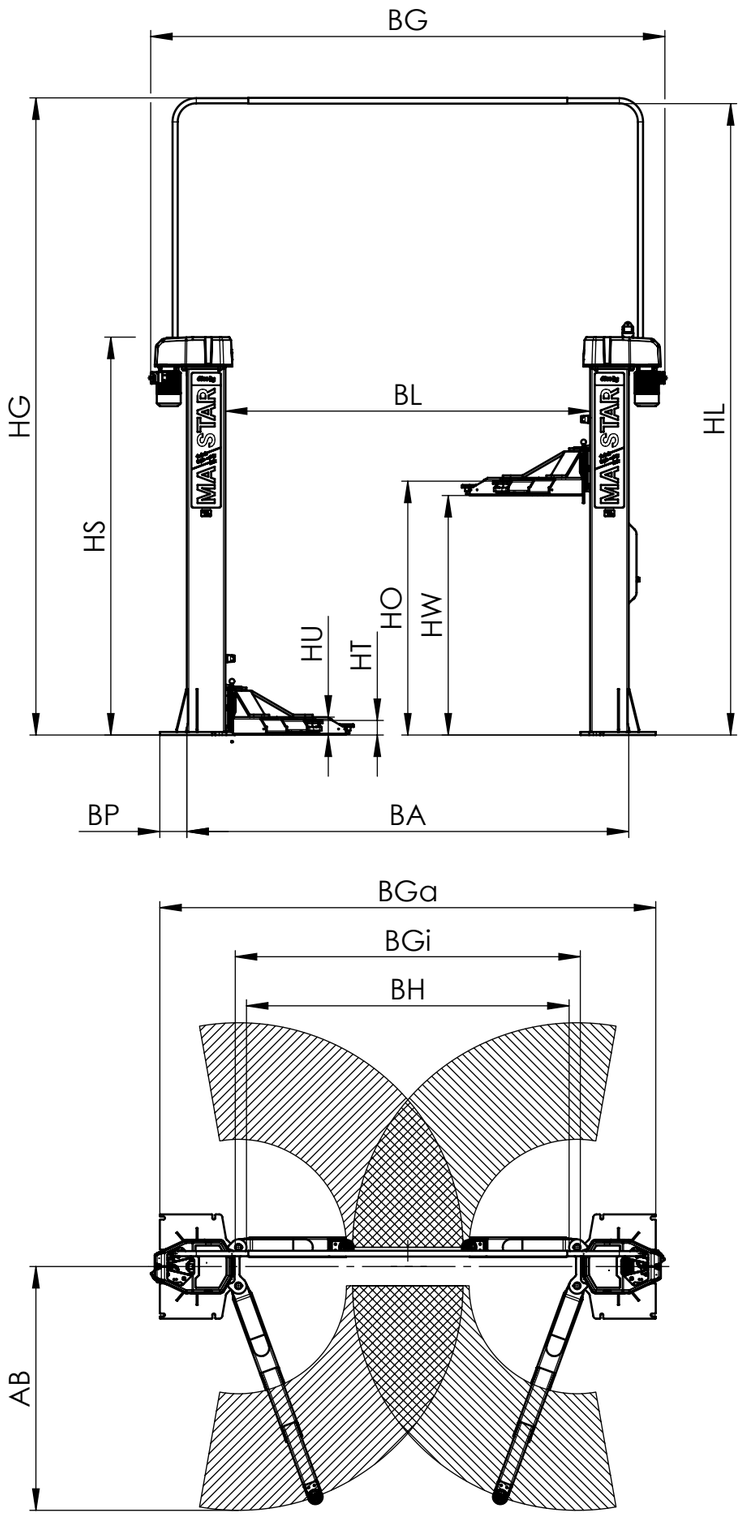
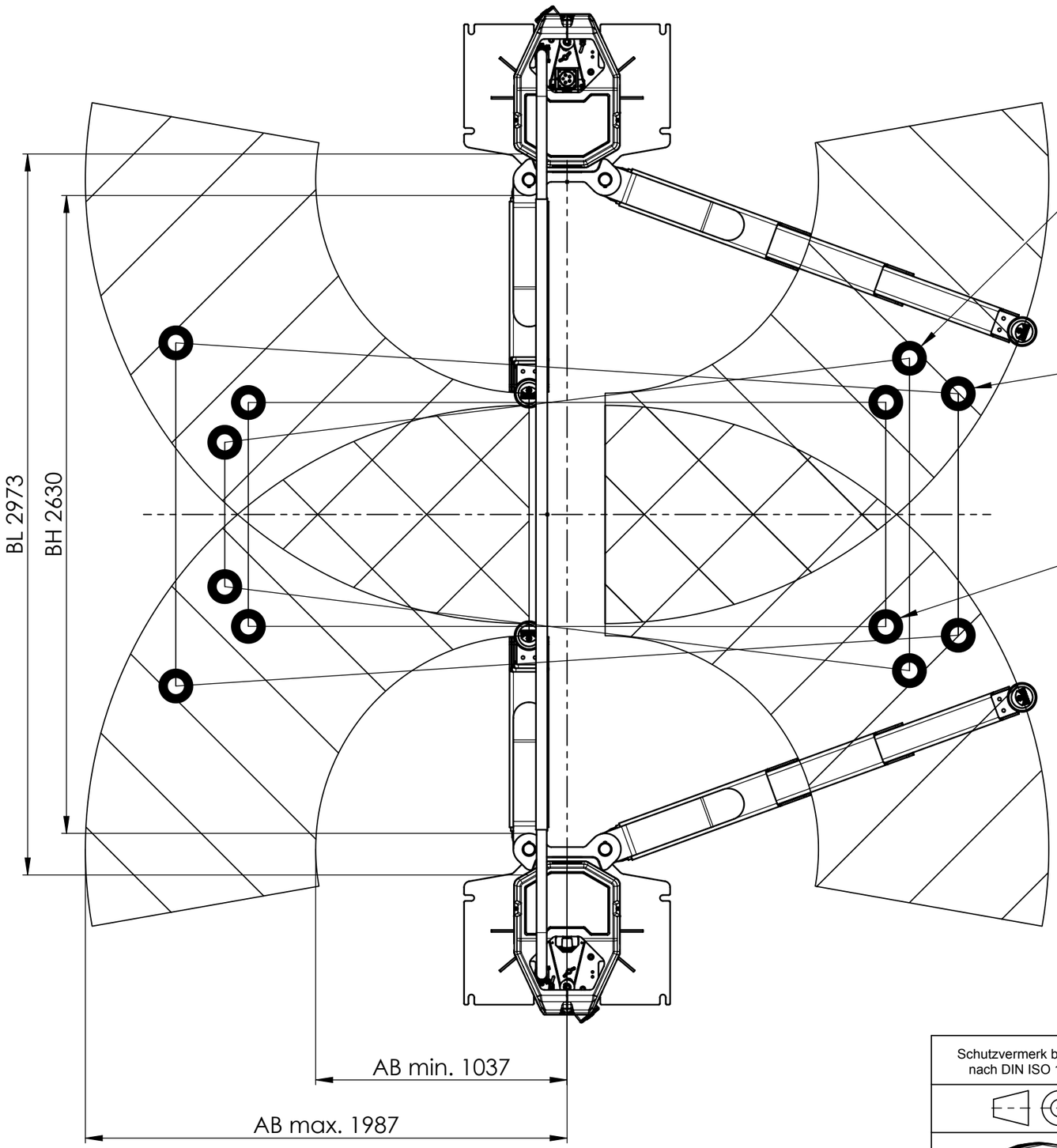
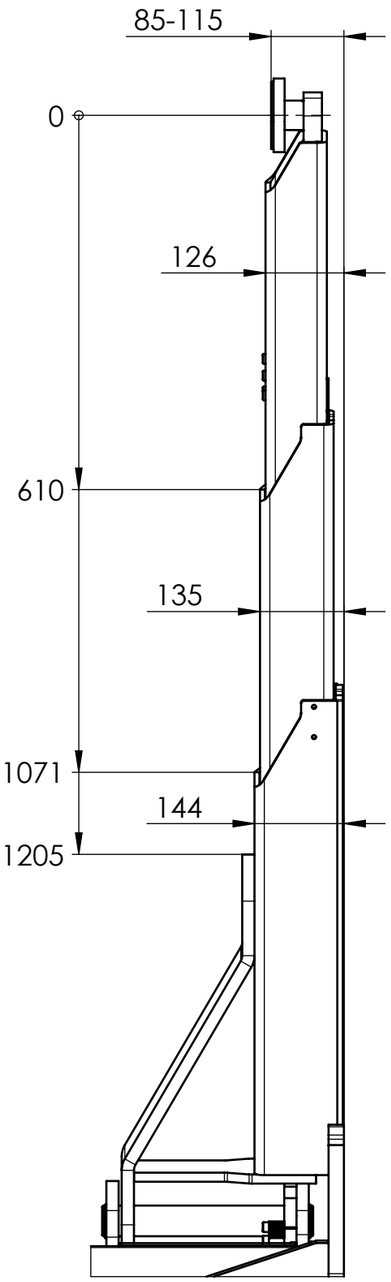


technical data		
VP 451189/VP 451190		MA STAR 6.5
Installation width		standard (F4797) recommended for vehicles with long wheelbase (vans)
total height	HG	5193mm
total width	BG	4192mm*
clear height	HL	5146mm
column height	HS	3243mm
vertical travel	HW	1950mm
length of stroke max.	HO	2065mm
pivoting height min.	HU	144mm
adjusting range of support disk	HT	85mm-115mm
pivoting range of support arm		100°
support range	AB	1037-1987mm
column clearance	BL	2973mm*
outer column width	BA	3603mm*
baseplate overlap	BP	220mm
outer width of baseplate	BGa	4043mm*
inner width of baseplate	BGi	2813mm*
drive-through clearance	BH	2630mm (2630mm-2780mm)
load capacity		6500kg
operating temperature		+5...+40°C
dead weight (incl. packaging)		1520kg (1780kg)
packaging dimension (L x W x H)		two packages á 3185mm x 1207mm x 1273mm
anchorage		HILTI HIT-HY 200-A + HAS-U 5.8 M20
concrete quality		min. C20/25 (DIN EN 1992)
rated capacity		2 x 4.0 kW (S3-20%)
power supply	50Hz	3x400V +N +PE; C32A + RCD (30mA)
air supply *(provided by the customer)*	8 bar	max. available flow rate at 6 bar working pressure
		100 l/min (VZ 990488/VZ 990489)
		300 l/min (VZ 990500/VZ 990501)
lifting time		ca. 44/44s

* Dimensions refer to drive-through clearance BH = 2630mm

Schutzvermerk beachten nach DIN ISO 16016	Maßstab 1:50		Materialnummer 1406318		Revision 06
	Konfigurationstyp Fundamentplan		Dokumenttyp Hauptzeichnung	Änderungsnr. 103225	Büro 300
MAHA	Benennung **MA STAR 6.5 - Product Datasheet**				
	Dokumentnummer **F4797**	Version **G**	A3	Blatt 1	von 3
Datum, Ersteller 4.6.2025 DNANFACK	Datum, Prüfer 30.04.2026 CNITSCH	Datum, Freigabe 04.05.2026 CMATZEK	alte Materialnummer 1406318		





Schutzvermerk beachten nach DIN ISO 16016	Maßstab 1:20	Materialnummer 1406318	Revision 01
	Konfigurationstyp	Dokumenttyp	Änderungsnr. 101105 / Büro 300

MAHAGROUP

Benennung
MA STAR 6.5 - Aufnahmebereich / support range

Dokumentnummer	Version		Blatt	von
F4797	**A**	A3	2	3

Datum, Ersteller	Datum, Prüfer	Datum, Freigabe	alte Materialnummer
30.11.2021 DNANFACK	01.12.2021 MKRAUS	01.12.2021 DNANFACK	

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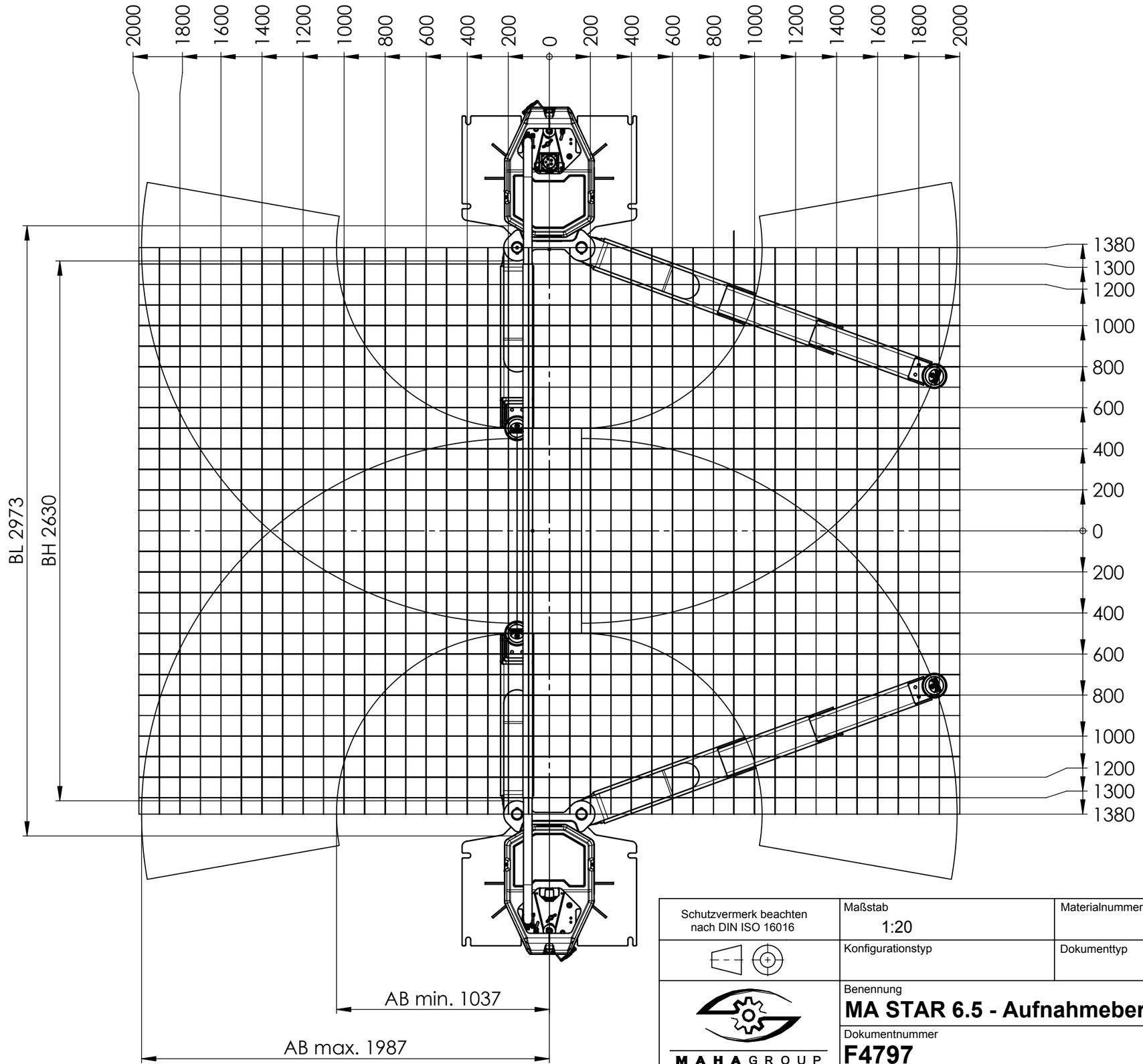

Schutzvermerk beachten nach DIN ISO 16016	Maßstab 1:20	Materialnummer 1406318	Revision 01
	Konfigurationstyp	Dokumenttyp	Änderungsnr. 101105 / Büro 300
MAHAGROUP	Benennung **MA STAR 6.5 - Aufnahmebereich / support range**		
	Dokumentnummer **F4797**	Version **A** / A3	Blatt 3 / von 3
Datum, Ersteller 30.11.2021 DNANFACK	Datum, Prüfer 01.12.2021 MKRAUS	Datum, Freigabe 01.12.2021 DNANFACK	alte Materialnummer

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