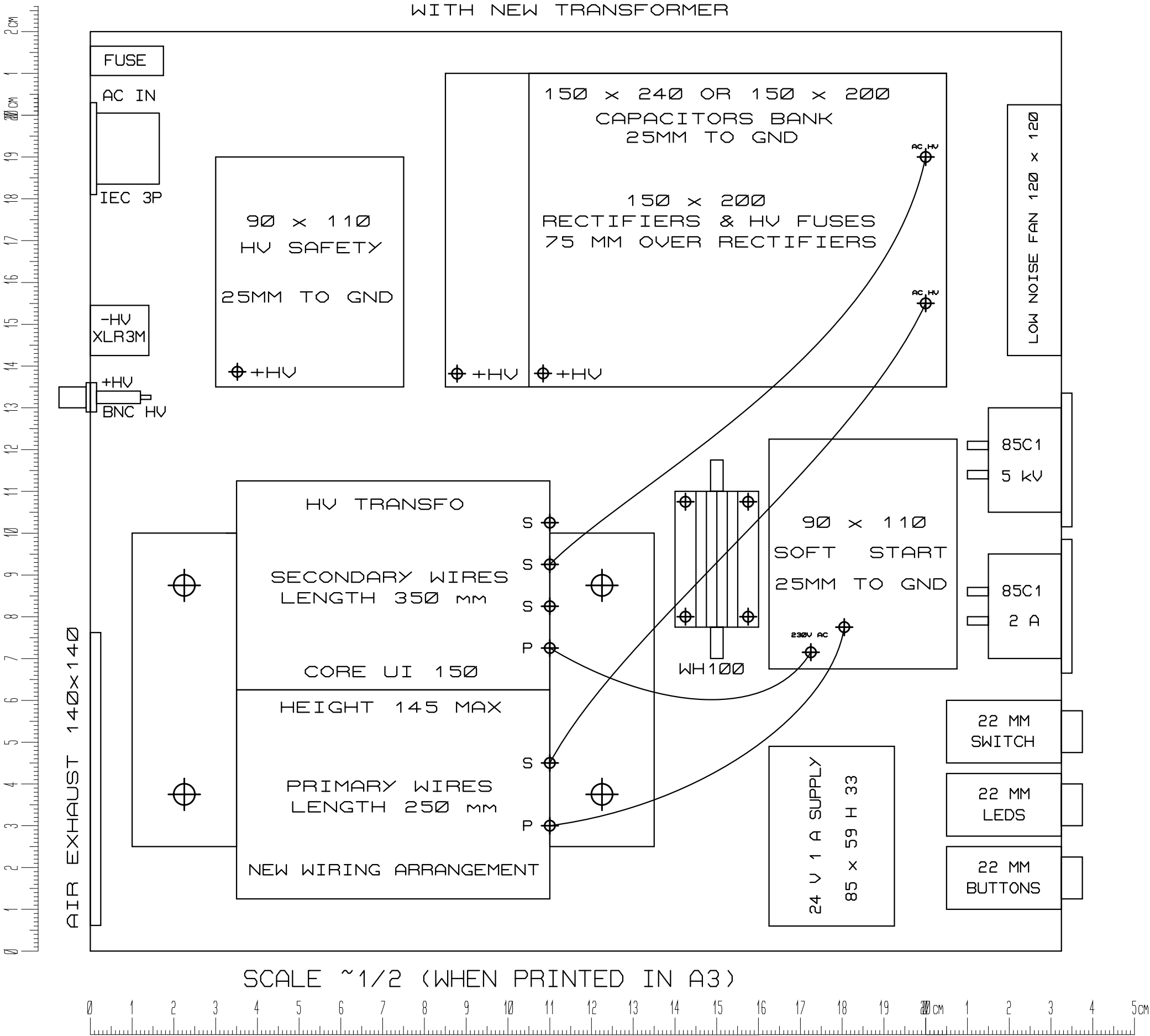
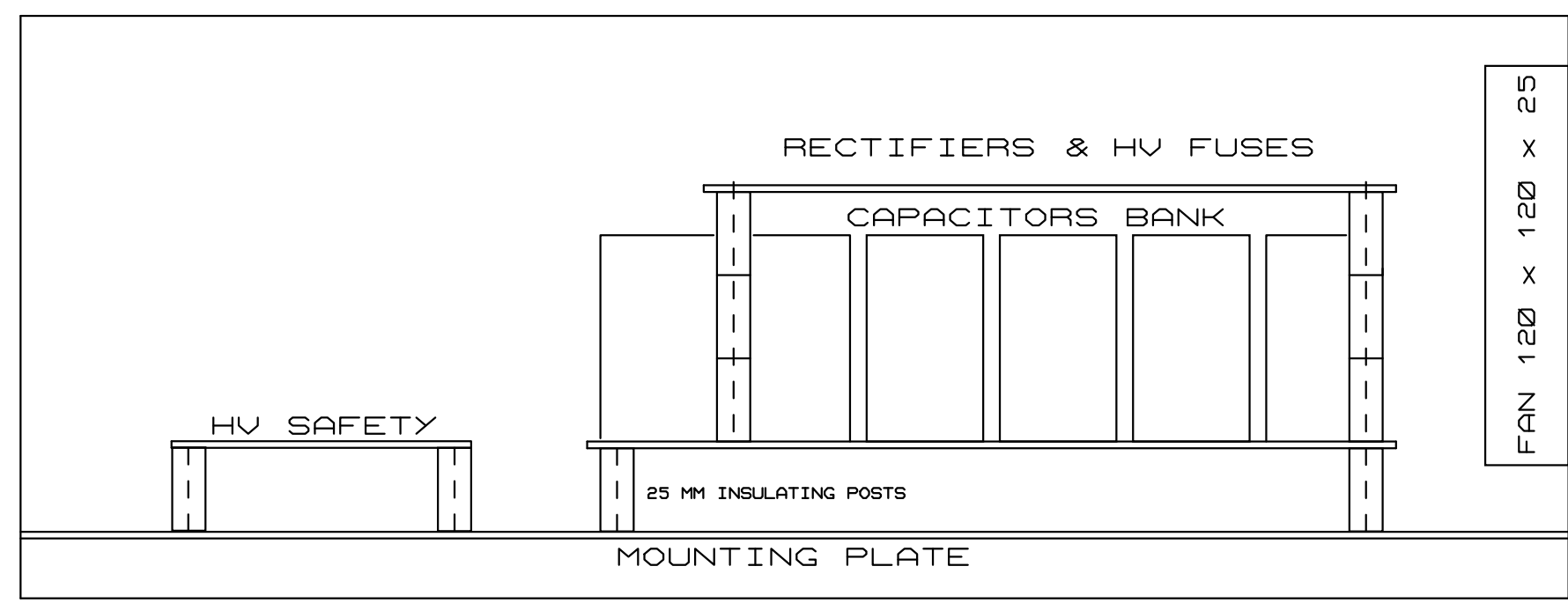
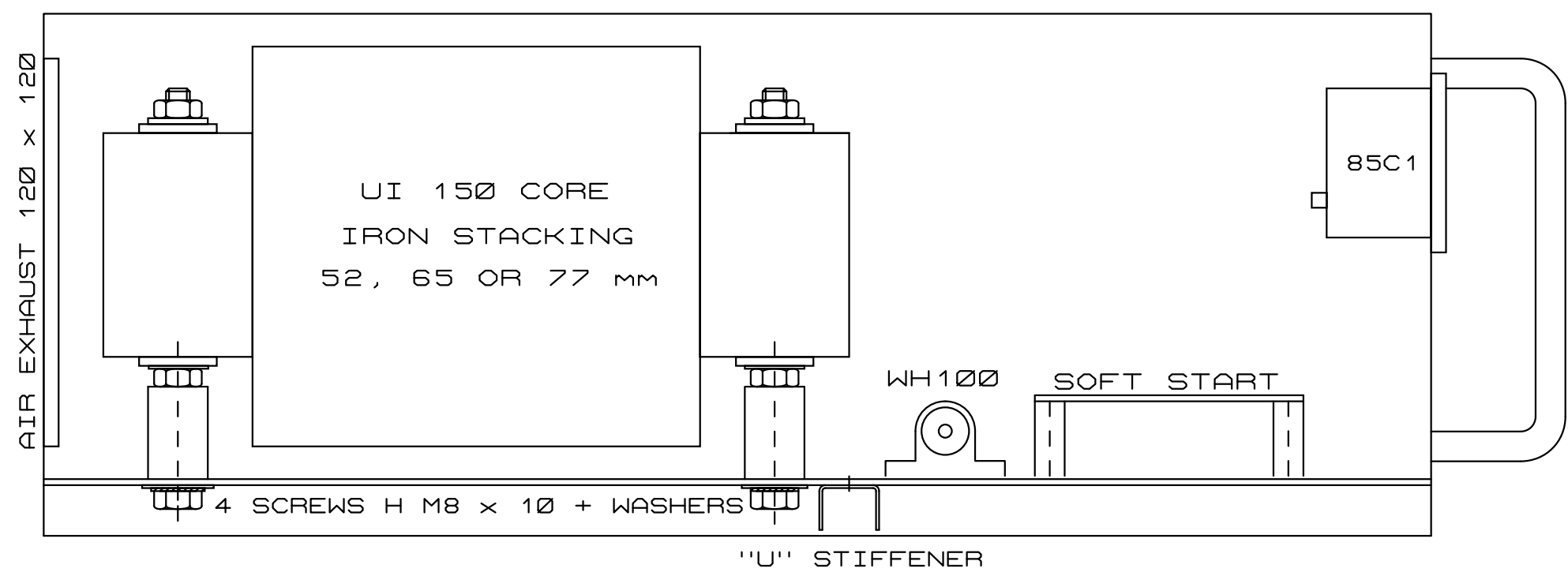
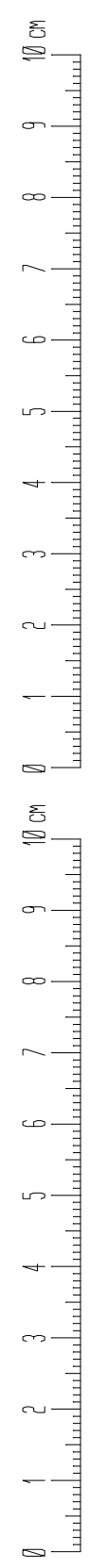


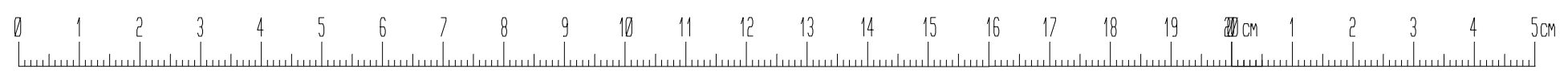
WITH NEW TRANSFORMER

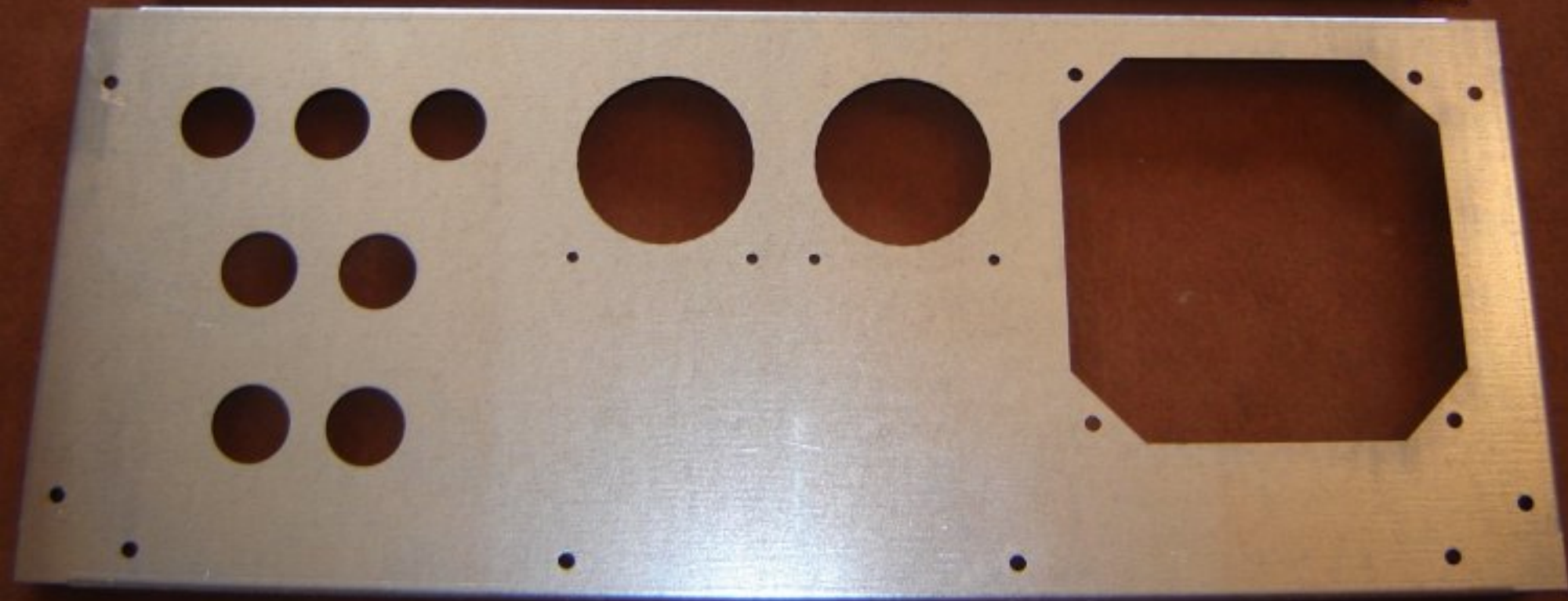
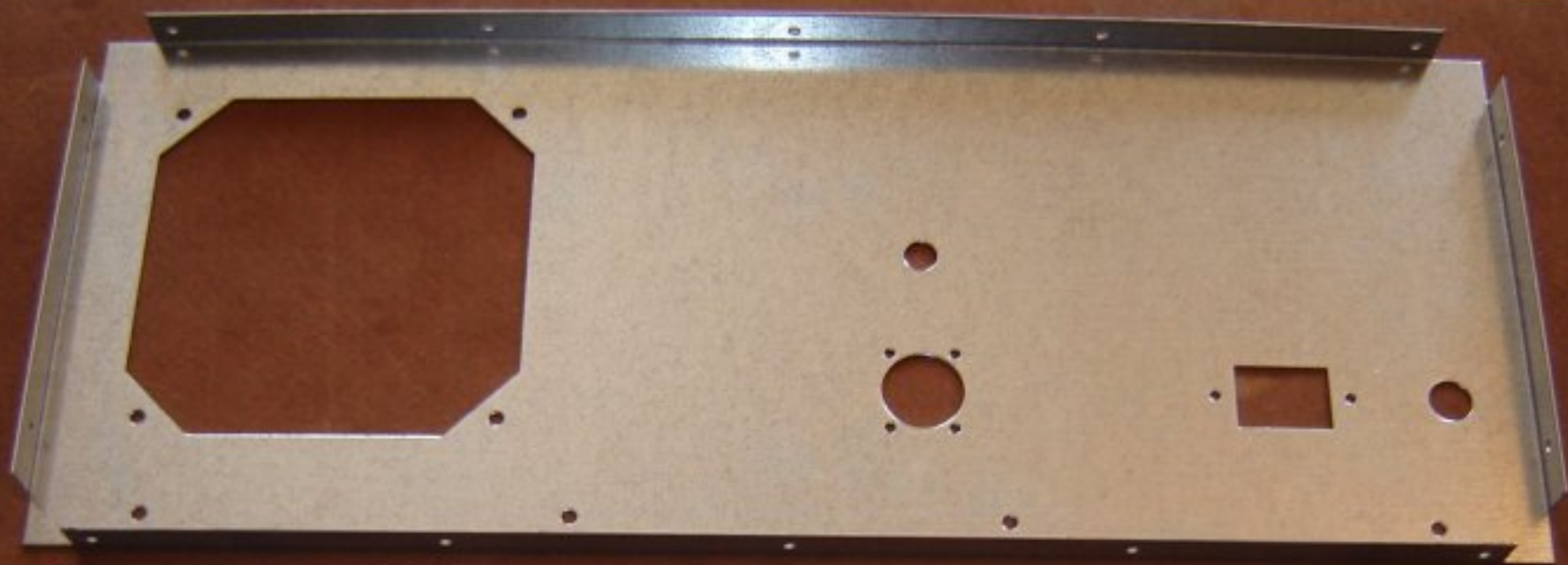


SCALE ~1/2 (WHEN PRINTED IN A3)



SCALE ~1/2 (WHEN PRINTED IN A3)

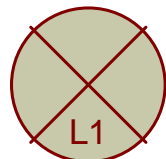




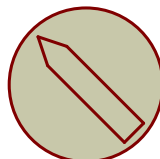
230 V AC

OFF ON

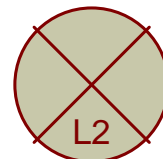
24 V DC



BLANC 230V
WHITE 230V



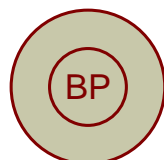
SWITCH



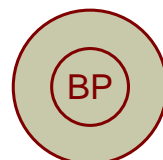
VERT 24V
GREEN 24V

START

STOP



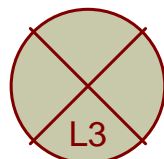
VERT
GREEN



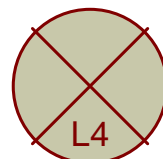
ROUGE
RED

HV START

HV OK



JAUNE 24V
YELLOW 24V



VERT 24V
GREEN 24V

ETIQUETTES GRAVEES "DILOPHANE"
ENGRAVED LABELS "GRAVOPLY"

22.5 mm HOLES FOR SWITCH, PUSH BUTTONS & LEDS

LOW WEIGHT HV SUPPLY 2 kVA MAX
19" 4U FRONT PLATE LABELS

DOC N°: AMATEUR RADIO
BY: F1FRV@SFR.FR
DATE: 16/04/16 REV: 1b PAGE: 3/4



H.V. POWER SUPPLY FOR LINEAR AMPLIFIER DESIGN F1FRV 2016

ANODE VOLTAGE

ANODE CURRENT

230 V AC

OFF

ON

24 V DC

START

STOP

H.V. START

H.V. OK

BILL OF MATERIALS

=====

Design: **TRIODE AMPLIFIER DESIGN 2016**Doc.no.: **HV POWER SUPPLY 4U RACK**Revision: **1**Author: **F1FRV@SFR.FR**Updated: **May 19, 2016****Nb of racks****1****TOUTES LES REFERENCES ET PRIX SONT DONNES COMME EXEMPLES. COMPLETEZ LES PRIX !****ACHETEZ OU VOUS VOULEZ (SI VOUS TROUVEZ - CHER, C'EST MIEUX POUR VOUS !)...****N'ACHETEZ PAS CE QUE VOUS AVEZ EN STOCK HI ... ARRONDISSEZ LES QUANTITES SI BESOIN .****YOU WILL HAVE TO CHECK FOR AVAILABILITY, PRICES, OR EQUIVALENTS****AT THE TIME OF YOUR ORDER, NO COMPLAINTS ALLOWED !!!**

QTY	PART-REFS	F1FRV	Necessary Quantity	Minimum Quantity	Order Quantity	Unit Price	Total Price	
1	Jeu de tolérances pré-perçées (~8 kg)		1	1	1			
1	Frais de port du fabricant		1	1	1			
1	Grillage galva maille 6x6, 125 x 250 pour les deux ventilations		1	1	1			
1	Jeu de 10 plaques gravées Dilophane couleur bleue		1	1	1			
1	Frais de port France 1 lot 10 kg 21.90 Euros ou Frais de port 3 lots maxi 30 kg 31.10 Euros		1	1	1	21.9	21.9	
							Total commande	150.00 Euros TTC

QTY	PART-REFS	BRICOVIS / CERGYVIS http://www.cergy-vis.fr/	Necessary Quantity	Minimum Quantity	Order Quantity	Unit Price	Total Price	Reste en Stock
75	Vis a tole TCL 4.2 x 9.5	Acier Zingué Choisir fente tournevis ou Pozidriv (votre choix)	75	100	100	0.02	2	25
17	Vis TCL M3 x 8	Acier Zingué Pour circuits imprimés et alim 24 V 1 A	21	10	30		0	9
4	Vis TFB M3 x 12	Acier Zingué Pour connecteurs XLR et secteur	4	10	10		0	6
21	Ecrou Hu M3	Acier Zingué	25	10	30		0	5
21	Rondelle M3	Acier Zingué	25	10	30		0	5
21	Rondelle AZ 3	Acier Zingué	25	10	30		0	5
12	Vis TFB M4 x 16	Acier Zingué Pour grilles ventilateur et pieds caoutchouc	12	10	20		0	8
	Vis H M4 x 10	Acier Zingué Pour raidisseur en "U" sous le transfo	5	10	10		0	5
12	Rondelle M4	Acier Zingué	17	10	20		0	3
12	Ecrou Hu M4	Acier Zingué	17	10	20		0	3
12	Rondelle AZ 4	Acier Zingué	17	10	20		0	3
4	Vis H M8 x 10	Acier Zingué Pour transfo	4	5	5	0.13	0.65	1
4	Rondelle AZ 8	Acier Zingué Pour transfo	4	5	5	0.041	0.205	1
8	Rondelle L 8	Acier Zingué Pour transfo	4	5	5	0.035	0.175	1
1	Frais de port (estimation)		1	1	1	8.5	8.5	Euros TTC
							Total commande	11.53 Euros TTC

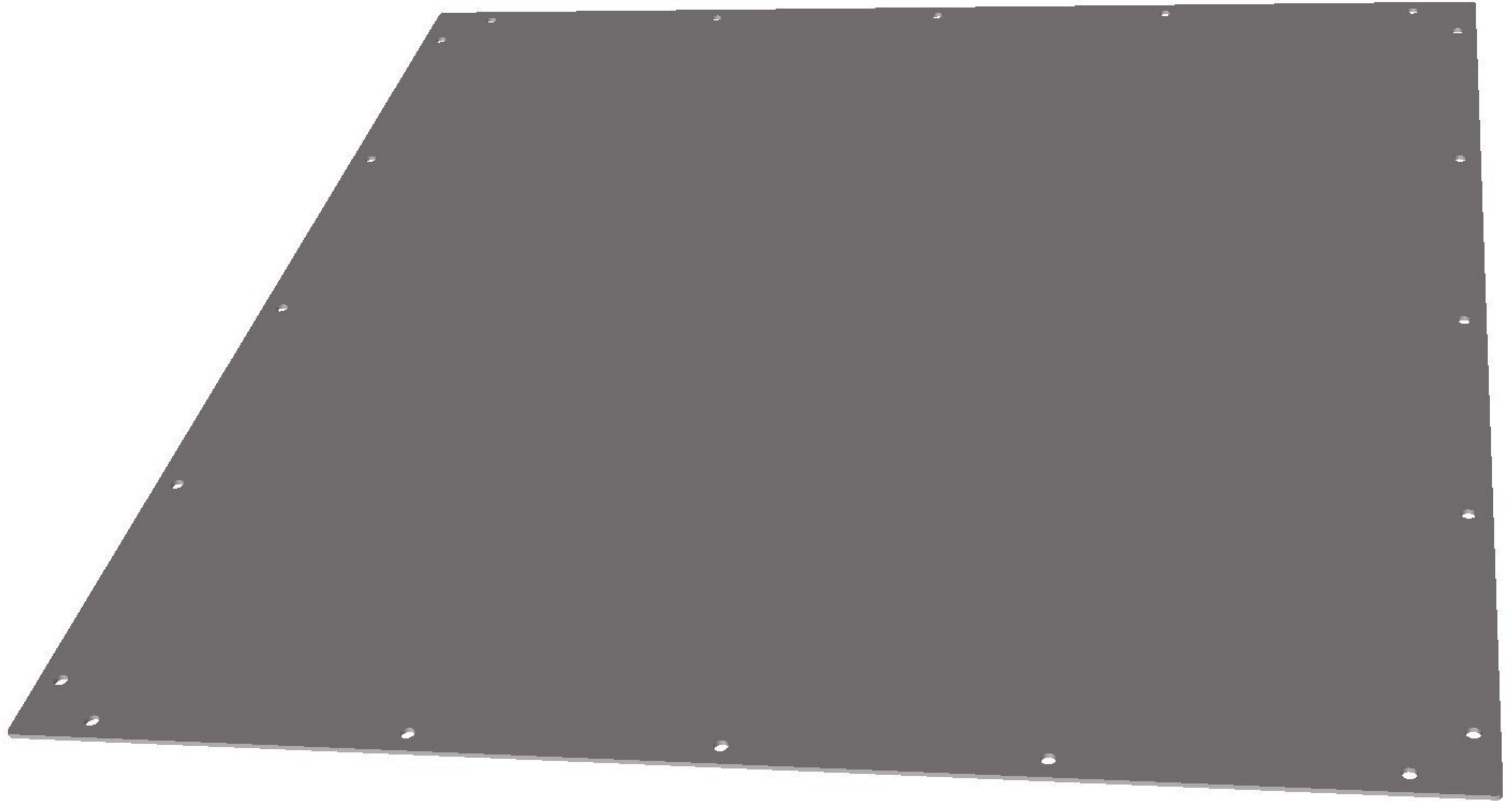
QTY	PART-REFS	AUDIOPHONICS http://www.audiophonics.fr/	Necessary Quantity	Minimum Quantity	Order Quantity	Unit Price	Total Price	Reste en Stock
1	Jeu de 2 poignées tubulaires pour rack 4U	Entraxe 124 mm Impératif	1	1	1	6.9	6.9	0
1	Porte fusible 5x20 montage chassis dia 13		1	1	1	2	2	0
1	Fusible 5 x 20	16 A	1	5	5	0.22	1.1	4
1	XLR Chassis 3 poles Male	Metal 25.5 x 30.5	1	1	1	2.40	2.4	0
1	XLR Fiche 3 poles Femelle		1	1	1	1.50	1.5	0
1	Embase IEC male 3 broches standard		1	1	1	1.5	1.5	0
1	Frais de port (estimation)		1	1	1	8.5	8.5	Euros TTC
							Total commande	23.90 Euros TTC

QTY	PART-REFS	FOURNISSEUR	Necessary Quantity	Minimum Quantity	Order Quantity	Unit Price	Total Price	Reste en Stock
1	Alim 24 V 1A	Tchong	1	1	1	6	6	0
1	Ventilateur 24 V 120 x 120 x 25	Tchong	1	1	1	3.25	3.25	0
2	Grille pour ventilateur 120 x 120	Tchong	2	1	2	1.25	2.5	0
1	Galvanometre 85C1 2 A DC	Tchong	1	1	1	2.5	2.5	0
1	Galvanometre 85C1 5 V DC	Tchong	1	1	1	3	3	0
1	Switch 22 mm 1 x NO "TELEMECANIQUE"	Tchong	1	1	1	2.5	2.5	0
1	Bouton Poussoir Vert 22 mm 1 x NO	Tchong	1	1	1	3.35	3.35	0
1	Bouton Poussoir Rouge 22 mm 1 x NF	Tchong	1	1	1	3.35	3.35	0
1	Led Blanche 22 mm 230V	Tchong	1	1	1	2.11	2.11	0
2	Led Verte 22 mm 24V	Tchong	2	1	2	2.11	4.22	0
1	Led Jaune 22 mm 24V	Tchong	1	1	1	2.11	2.11	0
1	BNC haute tension male pour coaxial 6 mm PTFE	Tchong	1	1	1	6	6	0
1	BNC chassis haute tension femelle	Tchong	1	1	1	6	6	0
5	Entretoise FF M3 x 25 laiton	Tchong	5	10	10	0.189	1.89	5
4	Pieds caoutchouc 38 x 15	Bax-Shop.fr	4	1	4	1	4	0
							Total commande	52.78 Euros TTC

<http://www.audiophonics.fr/fr/poignees/hifi-2000-poignees-tubulaires-4u-noir-la-paire-p-882.html>
<http://www.audiophonics.fr/fr/poignees-accessoires/porte-fusible-20mm-10a250v-p-4400.html>
<http://www.audiophonics.fr/fr/fusibles-5x20mm-fusible-semilent/fusible-semi-lent-5x20mm-1600a-p-3600.html>
<http://www.audiophonics.fr/fr/embases-xlr/hicon-embase-xlr-plaque-male-p-3728.html>
<http://www.audiophonics.fr/fr/fiches-xlr/wm-audio-xlr-89s-connecteur-xlr-femelle-plaque-argent-o-12mm-unite-p-7704.html>
<http://www.audiophonics.fr/fr/embases-iec/embase-iec-pour-boitiers-a-souder-p-2957.html>

http://cgi.ebay.fr/Dimmable-LED-Driver-Power-Supply-Transformer-110V-240V-DC-12V-24V-1A-2A-5A-10A-/390556572105?pt=UK_Light_Fittings&var=&hash=item99b22e3bcb
<http://www.ebay.com/itm/120mm-x-25mm-DC-24V-2Pin-Sleeve-Bearing-Computer-Case-Cooling-Fan-TS-/172168772953?hash=item28160efd59:g:wBkAAOSw2GIXETTQ>
<http://www.ebay.com/itm/PC-DC-Fan-Grill-Protector-Metal-Finger-Guard-120mm-12cm-Silver-Tone-TS-/172167763570?hash=item2815ff9672:g:EWMAAOSwLmVXD-u->
http://www.ebay.com/sch/i.html?_odkw=80mm+Fan&_sop=15&LH_BIN=1&LH_FS=1&_osacat=0&_from=R40&_trksid=p2045573.m570.l1313.TR0.TRC0.H0.X85C1+2A+DC.TRS0&_nkw=85C1+2A+DC&_sacat=0
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http://www.ebay.fr/sch/i.html?_odkw=22mm-Latching-1-NO-Two-2-Position_xb2bd21&LH_Prefl oc=2&LH_BIN=1&LH_FS=1&_osacat=0&_from=R40&_trksid=p2045573.m570.l1313.TR0.TRC0.H0.Xxb2bd21.TRS0&_nkw=xb2bd21&_sacat=1
<http://www.ebay.fr/itm/1-NO-BA3311-Momentary-Green-Sign-Flush-Pushbutton-/110736611640?hash=item19c86a9938>
<http://www.ebay.fr/itm/1-NC-BL4322-Momentary-Red-O-Sign-Projecting-Pushbutton-/110736611639?hash=item19c86a9937>
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<http://www.ebay.com/itm/1x-BNC-male-high-voltage-power-connector-MHV-3000V-clamp-RG58-RG142-LMR195-RG400-/321106215524?hash=item4ac36c0264>
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<http://www.ebay.fr/itm/10Pcs-M3-x-25mm-Femelle-Femelle-Plomb-Brass-Hex-Standoff-PCB-Pilier-Entretroises-/371441097808?hash=item567b9d5c50:g:T6cAAOSwEetV-Ud3>
<http://www.bax-shop.fr/penn-elcom-pied-en-caoutchouc-38-x-15-mm-rondelle-en-acier.html>

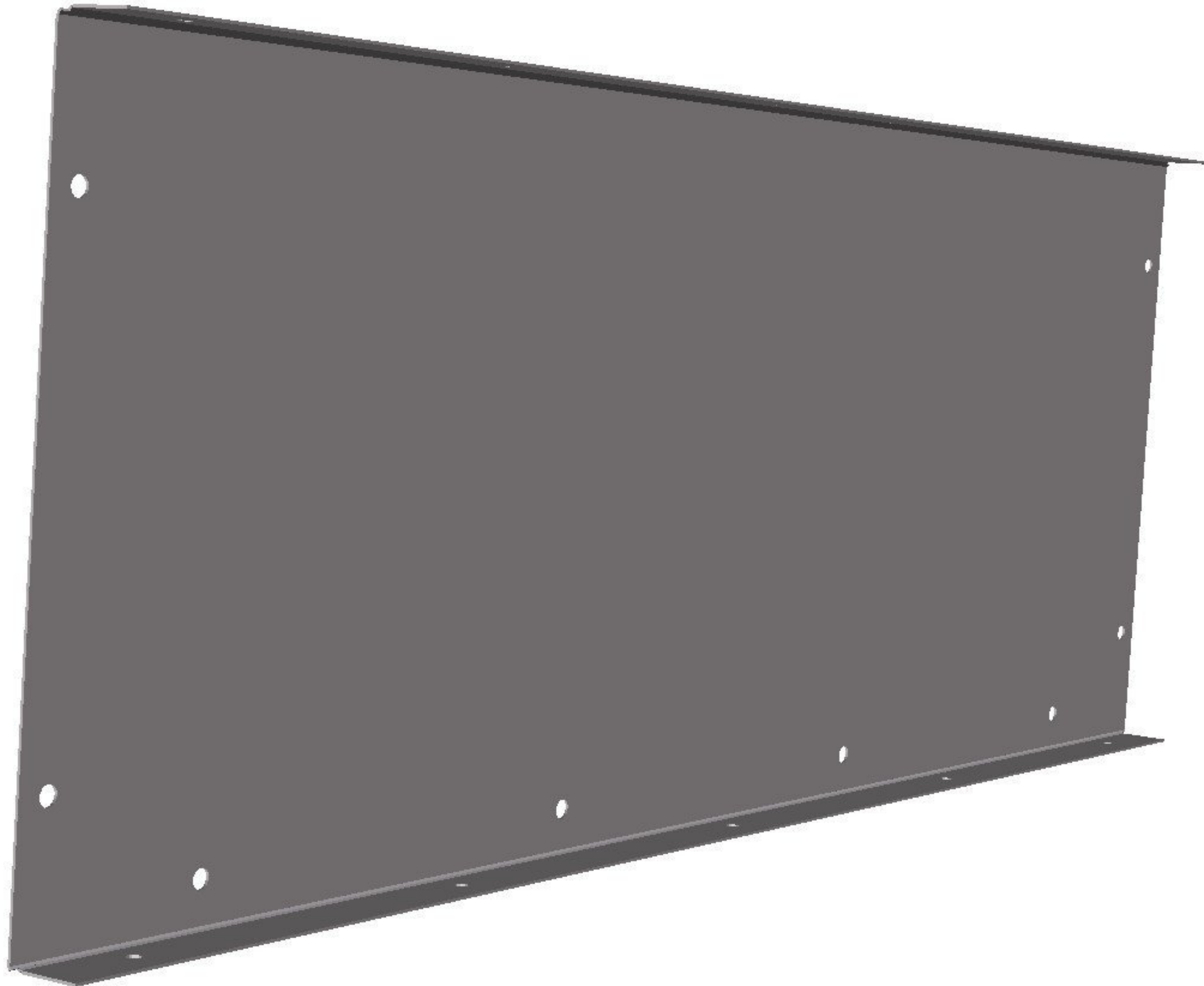
TOP COVER



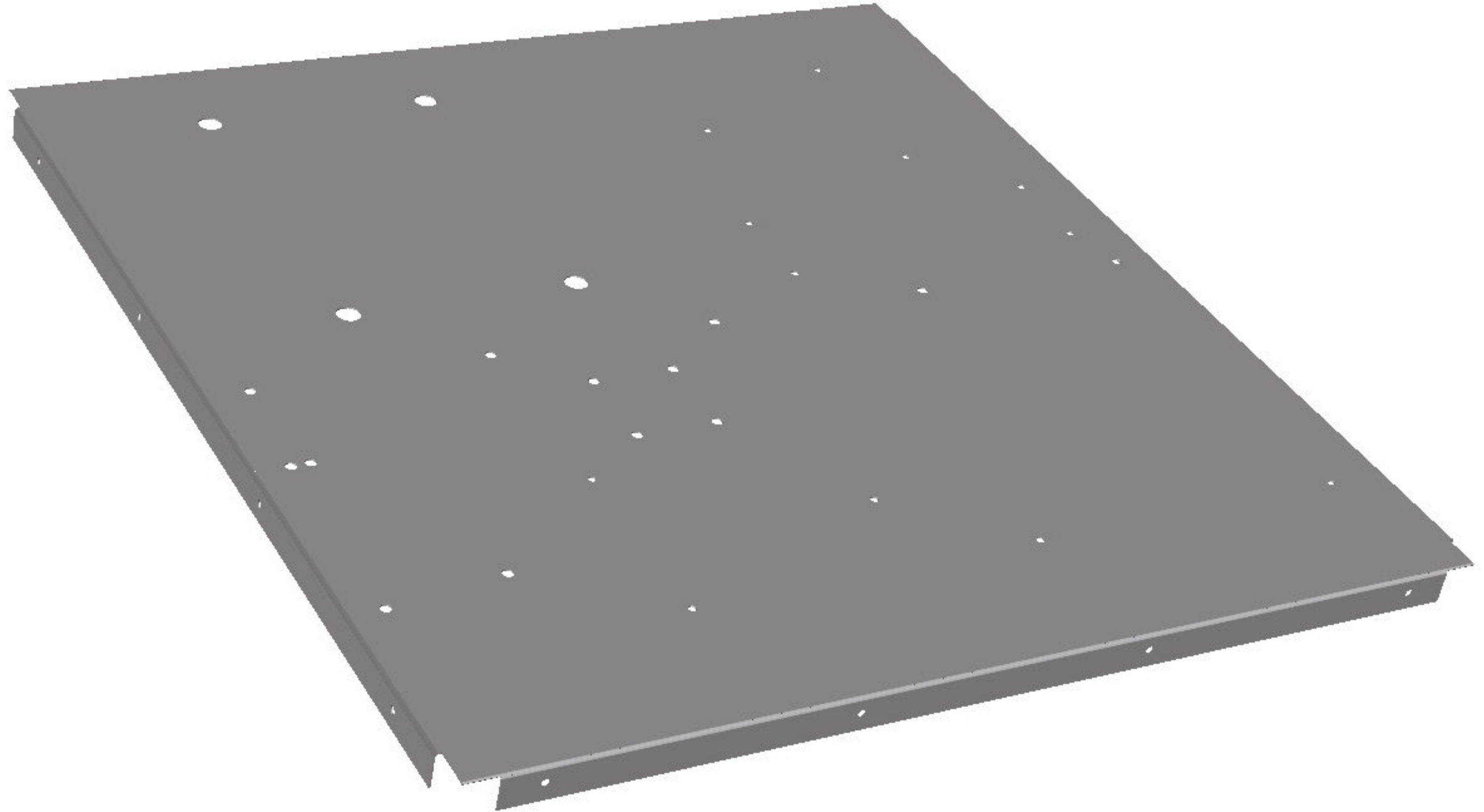
FRONT PLATE



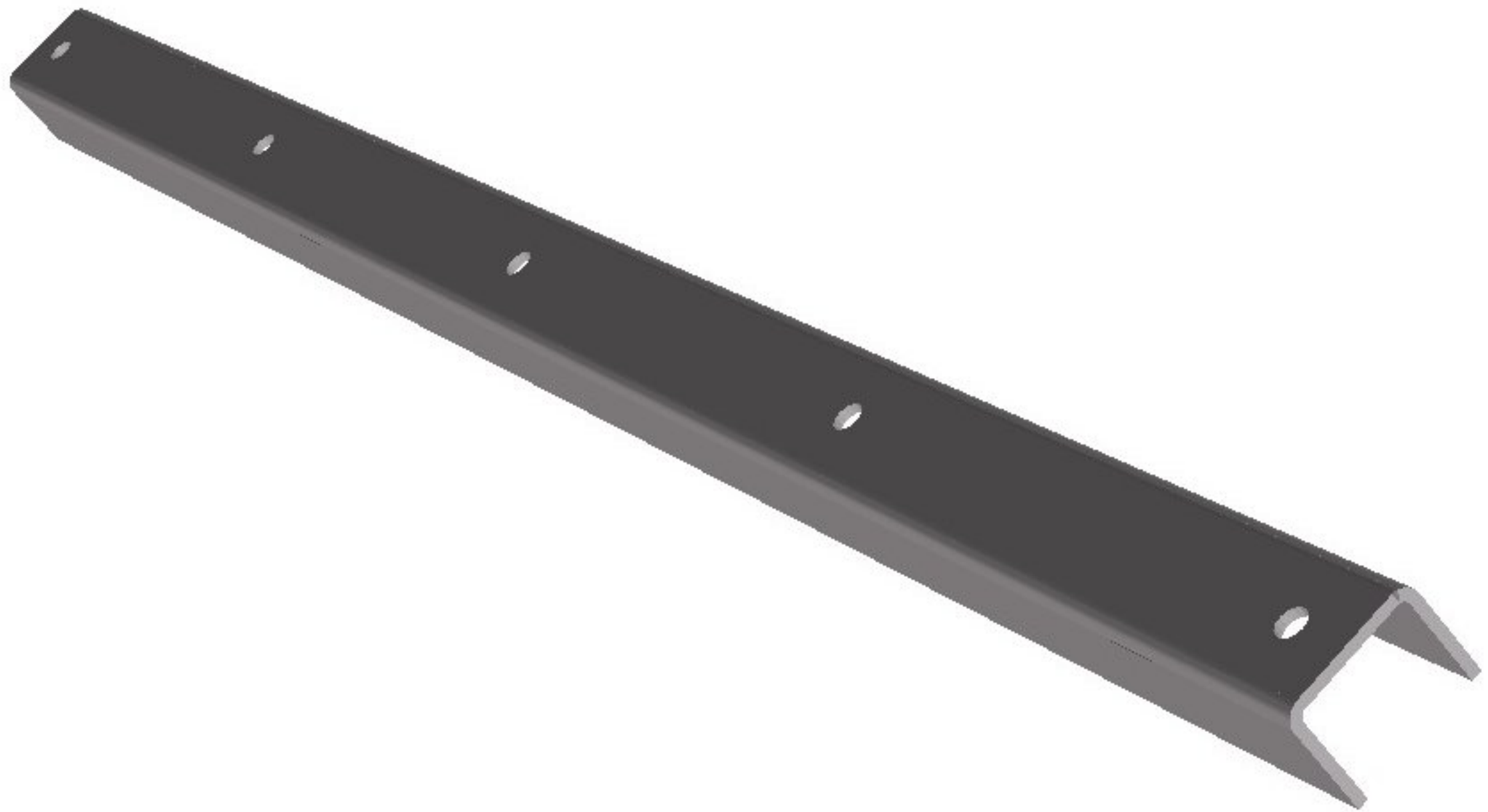
SIDE PLATE LEFT



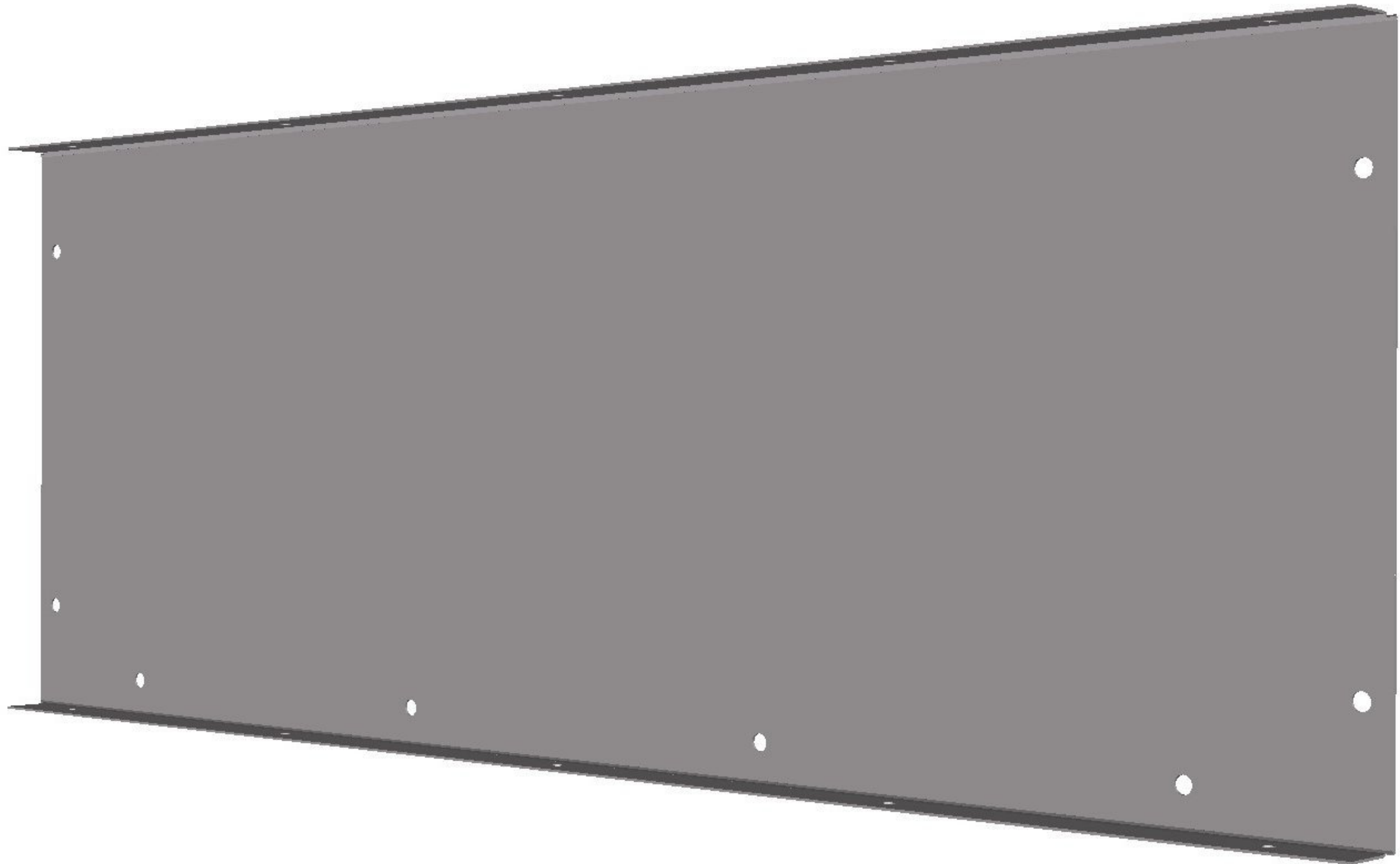
Mid Plate



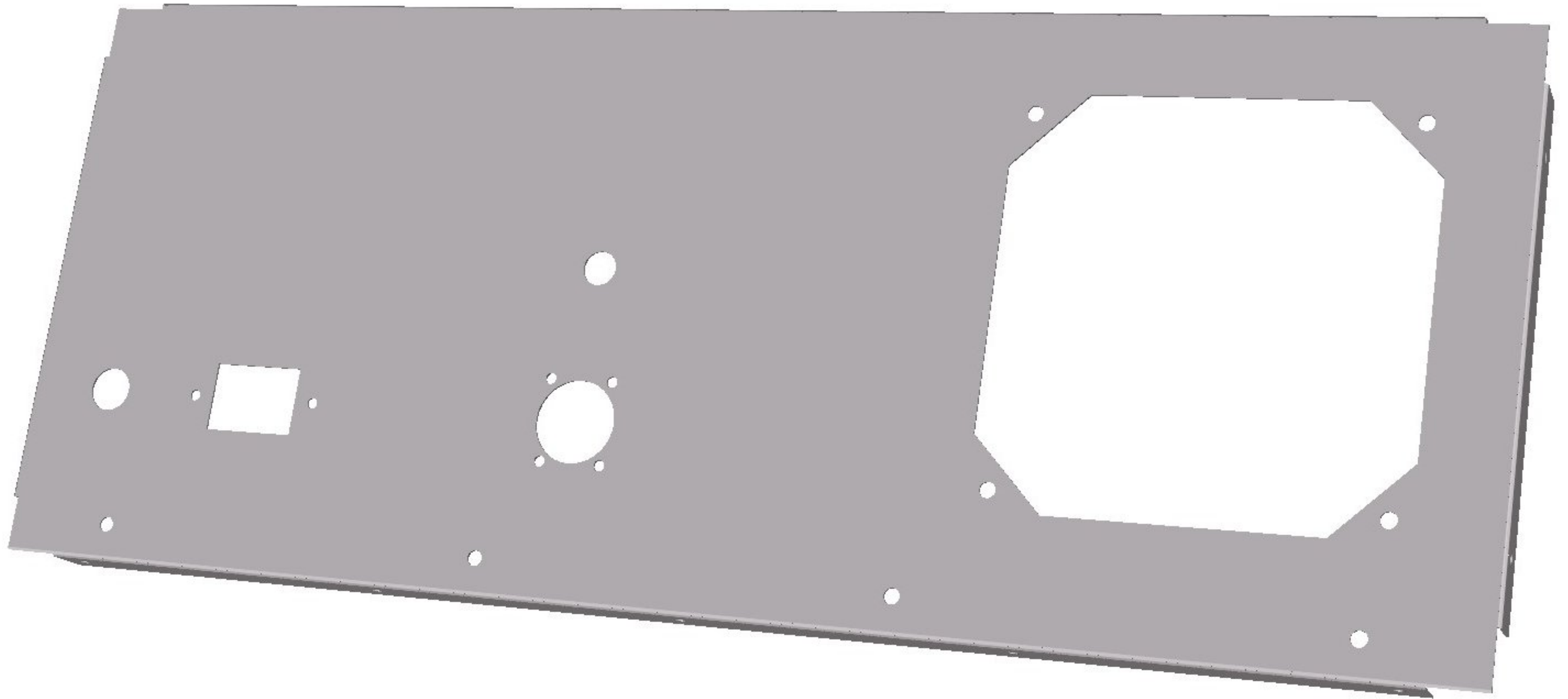
"U" Stiffener under Mid Plate



SIDE PLATE RIGHT



REAR PLATE



BOTTOM COVER

