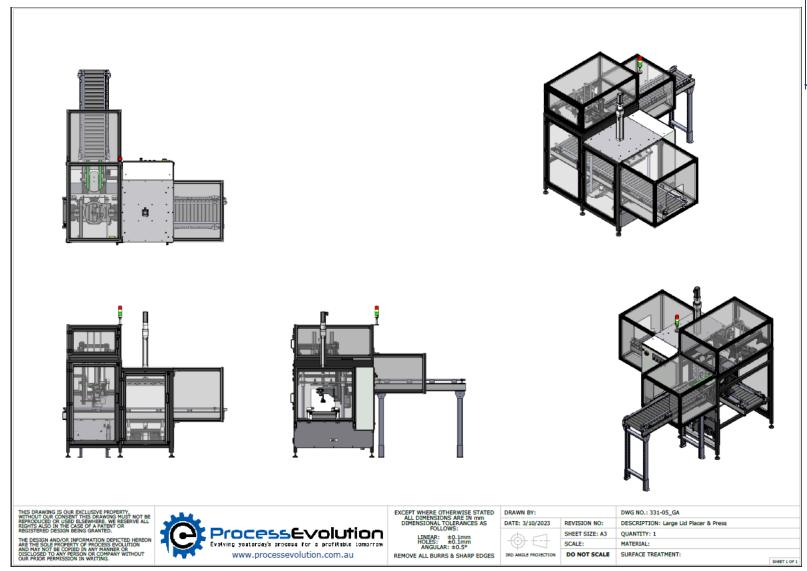
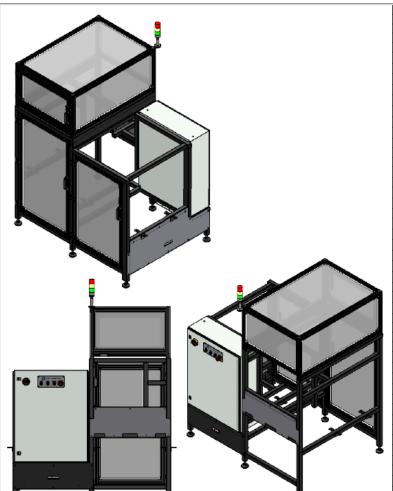
GA Drawings

Large Lid Pick, Place & Press

Main Assrembly





TEM NO.		DESCRIPTION	Vendor	QTY
1	331-05-01-20	Ball Catch Mount	ProEvo - CM	4
2	331-05-01-01	Frame	ProEvo - Falo	1
3	331-05-01-09	Lid Press Door Panel Lid Place Door Panel	ProEvo - PR ProEvo - PR	1
5	331-05-01-11 331-05-01-13		ProEvo - PR ProEvo - PR	1
		Top Door Panel		_
6	331-05-01-15	Top Guard Side Panel	ProEvo - PR	2
7	331-05-01-17	Top Guard Top Panel	ProEvo - PR	-1
8	331-05-01-19	Top Guard Front Panel	ProEvo - PR	1
9	331-03-02-01	Conveyor Mounting Clamp	ProEvo - SM	6
10	331-04-01-30	Saftey Switch Mounting Bracket - Extrusion	ProEvo - SM	- 1
11	331-04-01-31	Saftey Switch Mounting Bracket - RHS	ProEvo - SM	2
12	331-05-01-06	Upper Cover Panel	ProEvo - SM	1
13	331-05-01-07	Cover Panel - Outfeed Lower	ProEvo - SM	1
14	331-05-01-21	Cover Panel - Cabinet Lower	ProEvo - SM	1
15	331-05-01-22	Cover Panel - Above Pneumatics Panel	ProEvo - SM	1
16	ProEvo Pushbotton Faceplate	ProEvo Pushbutton Faceplate	ProEvo - SM	1
17	oka_ku_lk10	Isolator Switch	APS Industrial	1
18	Axelent - 0121	220 x 60 X-Tray Zinc Plated	Axelent	1
19	Axelent - 0111	X-Tray U 120x60	Axelent	1
20	96000901	Wall Bracket for Tube Mount	Balluff	1
21	AMX5-MKT BTI Comtronic	Safety Switch - Non Contact	Balluff	3
22	CST55 BWM Pulse tone 24VDC GN YE RD	Signal Tower -24VDC Red-Yellow-Green w/ Alarm	Balluff	1
23	BPS.30	Ball-shaped door look	Elesa & Ganter	4
24	E2 AC-DXBC1002	Emergency Stop Push Botton	Leuze	1
25	VE TF32A5102	· · ·	Leuze	H
26	LVR8020100SSS	Emergency Stop Label 80mm x M20 Ball Jointed SS Leveling Feet	Richmond Castors	6
				_
27	AE 1180.500	Electrical Enclosure	Rittal	1
28	331-05-01-02	Top Guard Frame	Robotunits	1
29	331-05-01-03	Top Door	Robotunits	-1
30	331-05-01-04	Lid Place Door	Robotunits	1
31	331-05-01-05	Lid Press Door	Robotunits	1
32	331-05-01-08	Lid Press Door Panel Profile	Robotunits	1
33	331-05-01-10	Lid Place Door Panel Profile	Robotunits	1
34	331-05-01-12	Top Door Panel Profile	Robotunits	1
35	331-05-01-14	Top Guard Side Panel Profile	Robotunits	2
36	331-05-01-16	Top Guard Top Panel Profile	Robotunits	-1
37	331-05-01-18	Top Guard Front Panel Profile	Robotunits	-1
38	CAN 4501	Corner Piece	Robotunits	28
39	CAP 4041	End Cap	Robotunits	16
40	DOR 4501	Handle	Robotunits	3
41	DOR 4511	Hinge	Robotunits	8
42	DOR 4553	Door Latch	Robotunits	1
43	DOR 4555	Door Stop	Robotunits	5
44	FAS 4049	Surface fastner	Robotunits	4
-		22mm Pushbutton Momentary Illuminated Red	Switches Plus	1
45	M22FP-MSF11E30	22mm Pushbutton Momentary Illuminated Rea	Switches Flus	
	M22FP-MSF11E30 M22FP-MSF11E30	22mm Pushbutton Momentary Illuminated Rea 22mm Pushbutton Momentary Blue Illuminated Blue	Switches Plus	1

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EXCEPT WHERE OTHERWISE STATED ALL DIMENSIONS ARE IN mm DIMENSIONAL TOLERANCES AS FOLLOWS:

FOLLOWS:
LINEAR: ±0.1mm
HOLES: ±0.1mm
ANGULAR: ±0.5°
REMOVE ALL BURRS & SHARP EDGES

	DRAWN BY:	DRAWN BY:		
	DATE: 21/02/2023	REVISION NO:	DESCRIPTI	
	A -1	SHEET SIZE: A3	QUANTITY:	
		SCALE:	MATERIAL:	
	3RD ANGLE PROJECTION	DO NOT SCALE	SURFACE T	

DWG NO.: 331-05-01	
DESCRIPTION: Large Lid Place & Press Frame	
QUANTITY: 1	
MATERIAL: Material <not specified=""></not>	
SURFACE TREATMENT: None	
	SHEET 1 OF 1

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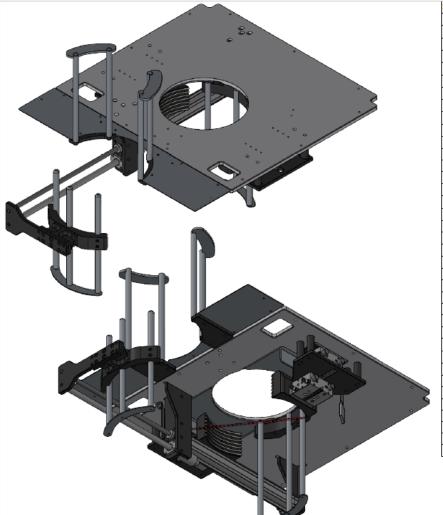
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ITEM NO.	PART NUMBER	DESCRIPTION	Vendor	QTY.
1	331-05-02-01	Lid Placer Mounting Plate	ProEvo - CM	1
2	331-05-02-02	Lid Singulator Stack Guide Rod	ProEvo - CM	3
3	331-05-02-03	Lid Singulator Clamp Block	ProEvo - CM	2
4	331-05-02-05	Lid Singulator Blade Cyl Mount	ProEvo - CM	2
5	331-05-02-06	Lid Singulator Clamp Cyl Mount	ProEvo - CM	2
6	331-05-02-07	Lid Singulator Clamp Cyl Standoff	ProEvo - CM	8
7	331-05-02-08	Guid Rod Mount - Singulator	ProEvo - CM	1
8	331-05-02-10	Lifter Stack Guide Rod Upper	ProEvo - CM	3
9	331-05-02-12	Lifter Guide Rod Mount Upper	ProEvo - CM	1
10	331-05-02-13	Transfer Cyl Guide Rod Mount	ProEvo - CM	1
11	331-05-02-14	Stack Transfer Cyl Front Gusset	ProEvo - CM	1
12	331-05-02-16	Lifter Guide Rod Mount Lower	ProEvo - CM	1
13	331-05-02-17	Lifter Guide Rod Mount Lower Mirror	ProEvo - CM	1
14	331-05-02-19	Stack Transfer Cyl Front Mount	ProEvo - CM	1
15	331-05-02-20	Stack Transfer Cyl Rear Mount	ProEvo - CM	1
16	331-05-02-21	Stack Transfer Cyl Rear Gusset	ProEvo - CM	1
17	331-05-02-22	Transfer Guide Rod Adapter	ProEvo - CM	1
18	331-05-02-23	Lifter Stack Guide Rod Lower	ProEvo - CM	4
19	331-05-02-04	Lid Singulator Blade	ProEvo - SM	2
20	331-05-02-09	Singualtor Guide Rod Upper Tie Plate	ProEvo - SM	1
21	331-05-02-11	Lifter Guide Rod Upper Tie Plate	ProEvo - SM	1
22	331-05-02-15	Transfer Fill-in Panel	ProEvo - SM	1
23	331-05-02-24	Lifter Guide Rod Upper Weld Plate	ProEvo - SM	2
24	331-05-02-25	Lid Stack Sensor Bracket	ProEvo - SM	1
25	331-05-02-26	Lid Stack Reflector Bracket	ProEvo - SM	1
26	331-05-02-27	SILICONE PORTLIGHT - 6mm x 6mm 50 Duro	Complete Rubber	14
27	Cable	Reed Switch Cable	Festo	10
28	DFM-32-40-P-A-GF	Guided Cylinder	Festo	4
29	DSBC-40-500-PPVA-N3	Square Cylinder	Festo	1
30	GRLA-1_4-QS-6-D	Flow Control G1/4" 6mm	Festo	2
31	GRLA-1_8-QS-6-D	Flow Control 1/8" 6mm	Festo	8
32	Plug	Reed Switch Plug	Festo	10
33	Reed Switch	Reed Switch	Festo	10
34	GL6-P3211	Photoelectric Sensor	Sick	1
35	\$283046	Reflector	Sick	1
36	331-05-02-18	Ø20mm Hardened Ground Shaft	Statewide	1
37	TRT20GUU	Linear Bush 20mm Triple Wide	Statewide	1

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LINEAR: ±0.1mm HOLES: ±0.1mm ANGULAR: ±0.5° REMOVE ALL BURRS & SHARP EDGES

D	DRAWN BY:		DWG NO.: 331-05-02	
	DATE: 21/02/2023	REVISION NO:	DESCRIPTION: Large Lid Stack Loader	
	⊕ €	SHEET SIZE: A3	QUANTITY: 1	
		SCALE:	MATERIAL:	
s	3RD ANGLE PROJECTION	DO NOT SCALE	SURFACE TREATMENT:	
				SHEET 1 OF 1

EXCEPT WHERE OTHERWISE STATED
ALL DIMENSIONS ARE IN mm
DIMENSIONAL TOLERANCES AS
FOLLOWS:

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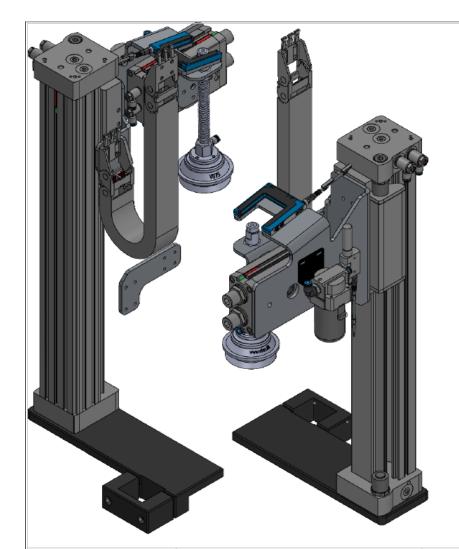
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Pick







EXCEPT WHERE OTHERWISE STATED ALL DIMENSIONS ARE IN mm DIMENSIONAL TOLERANCES AS FOLLOWS:

LINEAR: ±0.1mm HOLES: ±0.1mm ANGULAR: ±0.5° REMOVE ALL BURRS & SHARP EDGES

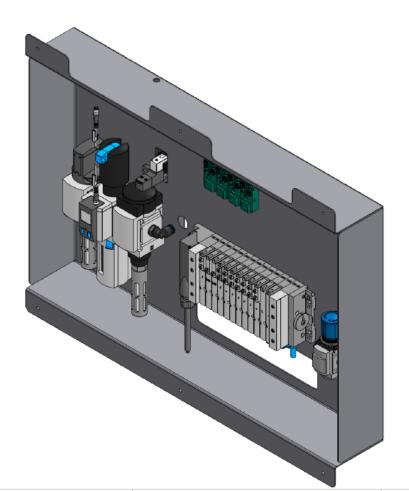
ITEM NO.

Plug

•	DRAWN BY:		DWG NO.: 331-05-03	
	DATE: 21/02/2023	REVISION NO:	DESCRIPTION: Large Lid Pick n Place	
	3RD ANGLE PROJECTION	SHEET SIZE: A3	QUANTITY: 1	
		SCALE:	MATERIAL: Material <not specified=""></not>	
		PROJECTION DO NOT SCALE SURFACE TREATMENT: None	SURFACE TREATMENT: None	
				SHEET 1 OF 1







					1-
ITEM NO.	PART NUMBER	DESCRIPTION	Vendor	QTY.	ľ
1	331-05-04-01	Pneumatics Panel	ProEvo - SM	1	e
2	MSB6-3_8_C4_J13_D4-WP	Air Service Unit	Festo	1	m
3	34P-MS8-BGG-U12EU-JMSMS7JLL	Valve Bank	Festo	1	na
4	KMEB-1-24-5-LED	Plug & Cable	Festo	1	₫.
5	MS4-LR-1_4-D6-AG-MPA-B	Regulator	Festo	1	S
6	MS4-WR-B	Regulator Bracket	Festo	1	P
7	MS6-SV-1_2-D-10V24-2M8-SO-WB	Safety Dump Valve	Festo	1	الما
8	NEBU-M8G3-K-5-M8G3	Cable M8 3-pin 5m	Festo	1	nel
9	QS-G1_8-6-I	Push-In 1/8" 6mm Internal Hex	Festo	22	1=
10	QS-G1_8-8-I	Push-In 1/8" 8mm Internal Hex	Festo	2	
- 11	QSL-G1_4-12	Push-In G1/4 12mm	Festo	1	
12	QSL-G1_4-8	Push-In L G1/4" 8mm	Festo	1	
13	QSL-G3_8-10	Push-In L G3/8" 10mm	Festo	2	
14	VMPAL-KM-V-SD44-IP67-5	Vavle Bank Cable 44 Pin 5m	Festo	1	
15	V3-8A-E2-5M-PUR	Splitter Box 8 Way M8 3pin	Pepperl Fuchs	4	

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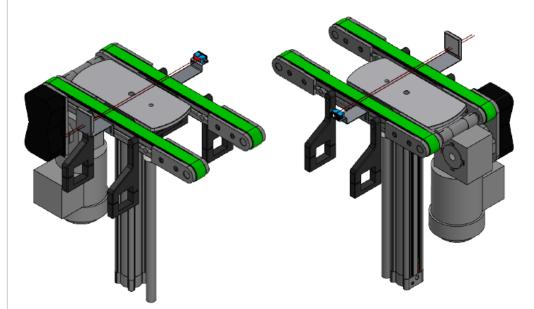
•	DRAWN BY:		DWG NO.: 331-05-04	
	DATE: 24/02/2023	REVISION NO:	DESCRIPTION: Pneumatics Panel	
	ф —	SHEET SIZE: A3	QUANTITY: 1	
		SCALE:	MATERIAL:	
	3RD ANGLE PROJECTION	DO NOT SCALE	SURFACE TREATMENT:	
				SHEET 1 OF 1

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TEM NO.	PART NUMBER	DESCRIPTION	Vendor	QTY.
1	331-05-05-01	Cyl Mount Plate	ProEvo - CM	-1
2	331-05-05-02	Lid Stack Lift Plate	ProEvo - CM	1
3	331-05-05-04	Shaft Guide	ProEvo - CM	-1
4	331-05-05-05	Cyl To Conveyor Mount	ProEvo - CM	2
5	331-05-05-06	Conveyor Mount Bracket	ProEvo - CM	4
6	331-05-05-07	Conveyor Mount Clamp	ProEvo - CM	4
7	331-05-05-08	Sensor Bracket	ProEvo - SM	1
8	331-05-05-09	Reflector Bracket	ProEvo - SM	-1
9	Cable	Reed Switch Cable	Festo	2
10	DSBC-50-400-PPVA-N3	Square Cylinder	Festo	1
11	Plug	Reed Switch Plug	Festo	2
12	Reed Switch	Reed Switch	Festo	2
13	C4T_EU 0040 SA2N 0550 200 (0) 90 0 (6m_min) (5kg)	Twin Track Conveyor	Robotunits	-1
14	GL6-P3211	Photoelectric Sensor	Sick	1
15	\$283046	Reflector	Sick	-1
16	331-05-05-03	Ø25mm Hardened Ground Shaft	Statewide	-1
17	SMF25WUU	Ball Bushing Ø25mm Round Flange Double Length	Statewide	1



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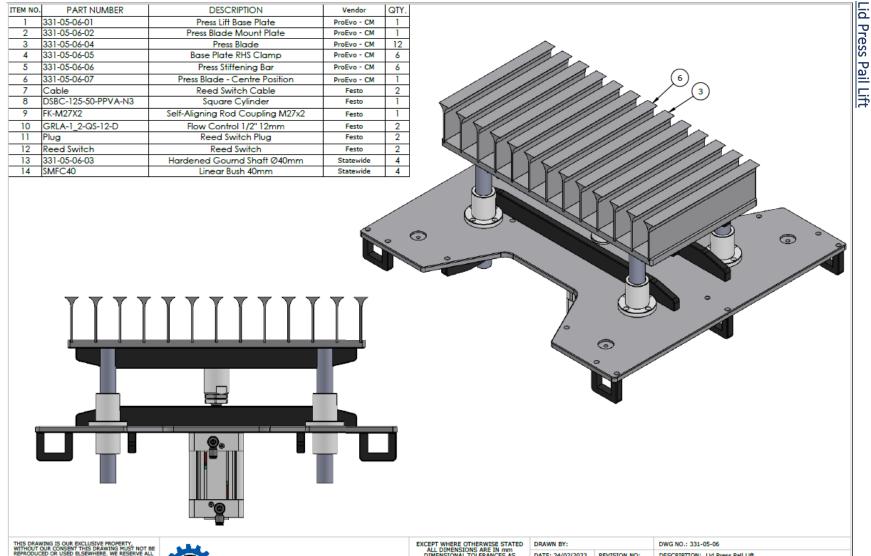
EXCEPT WHERE OTHERWISE STATED ALL DIMENSIONS ARE IN mm DIMENSIONAL TOLERANCES AS FOLLOWS:

D	DRAWN BY:		DWG NO.: 331-05-05	
	DATE: 21/02/2023	REVISION NO:	DESCRIPTION: Large Lid Infeed Conveyor	
S	3RD ANGLE PROJECTION	SHEET SIZE: A3	QUANTITY: 1	
		SCALE:	MATERIAL:	
		DO NOT SCALE	SURFACE TREATMENT:	
				SHEET 1 OF 1

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rawings





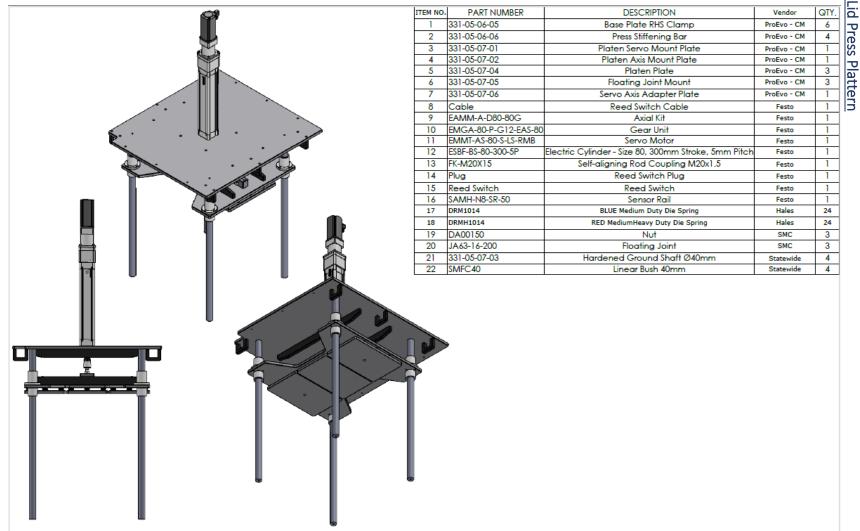
EXCEPT WHERE OTHERWISE STATED ALL DIMENSIONS ARE IN mm DIMENSIONAL TOLERANCES AS FOLLOWS:

	DRAWN BY:		DWG NO.: 331-05-06	
	DATE: 24/02/2023	REVISION NO:	DESCRIPTION: Lid Press Pail Lift	
	3RD ANGLE PROJECTION	SHEET SIZE: A3	QUANTITY: 1	
		SCALE:	MATERIAL:	
		DO NOT SCALE	SURFACE TREATMENT:	
				SHEET 1 OF 1

90

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Drawings



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LINEAR: ±0.1mm HOLES: ±0.1mm ANGULAR: ±0.5° REMOVE ALL BURRS & SHARP EDGES

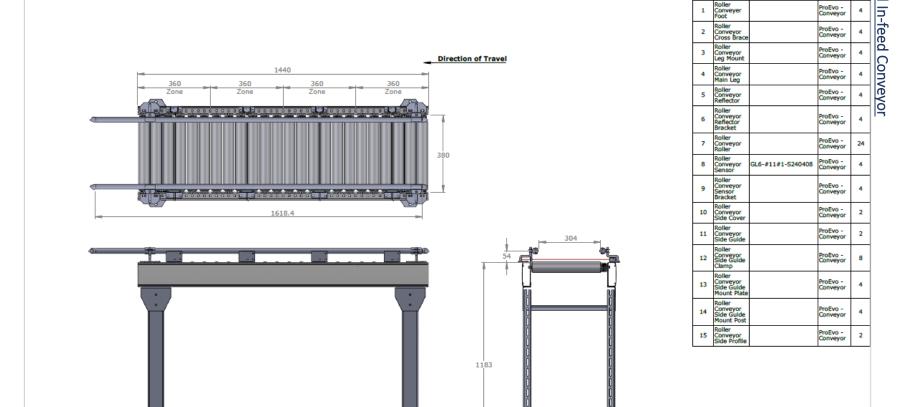
DWG NO.: 331-05-07 DATE: 24/02/2023 REVISION NO: DESCRIPTION: Ltd Press Platen SHEET SIZE: A3 QUANTITY: 1 SCALE: MATERIAL: SURFACE TREATMENT: 3RD ANGLE PROJECTION DO NOT SCALE SHEET 1 OF 1

Lid

QTY.

Vendor

GA Drawings



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DIMENSIONAL TOLERANCES AS
FOLLOWS:
LINEAR: ±0.2mm

LINEAR: ±0.2mm HOLES: ±0.1mm ANGULAR: ±0.5° REMOVE ALL BURRS & SHARP EDGES

	DRAWN BY:		DWG NO.: 331-05-08	
	DATE: 9/02/2023	REVISION NO:	DESCRIPTION: Large Lid Roller Infeed Conveyor	
	⊕ €	SHEET SIZE: A3	QUANTITY:	
		SCALE:	MATERIAL: Material <not specified=""></not>	
	3RD ANGLE PROJECTION	DO NOT SCALE	SURFACE TREATMENT:	
				SHEET 1 OF 1

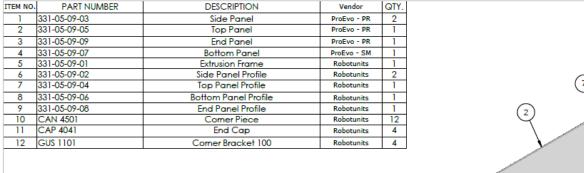
PART NUMBER

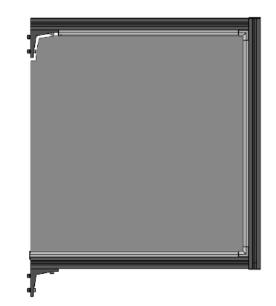
Description

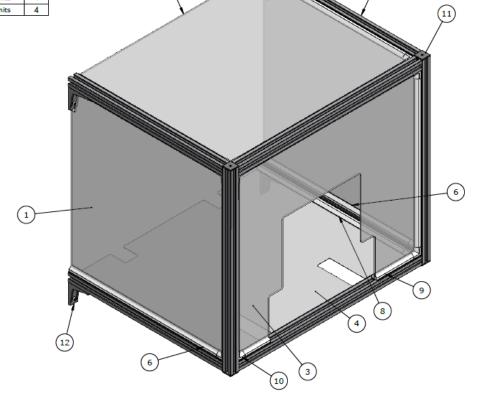
ITEM NO.

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Lid Press Outfeed Guard







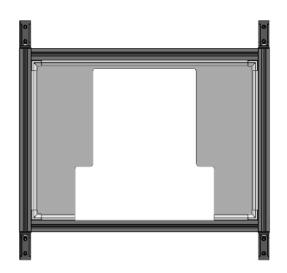


EXCEPT WHERE OTHERWISE STATED ALL DIMENSIONS ARE IN mm DIMENSIONAL TOLERANCES AS FOLLOWS:

DRAWN BY:		DWG NO.: 331-05-09	
DATE: 24/02/2023	REVISION NO:	DESCRIPTION: Ltd Press Outfeed Guard	
3RD ANGLE PROJECTION	SHEET SIZE: A3	QUANTITY: 1	
	SCALE:	MATERIAL:	
	DO NOT SCALE	SURFACE TREATMENT:	
			SHEET 1 OF 1

Lid In-feed Guard

ITEM NO.	PART NUMBER	DESCRIPTION	Vendor	QTY.
1	331-05-10-03	Side Panel	ProEvo - PR	2
2	331-05-10-05	Top Panel	ProEvo - PR	1
3	331-05-10-09	End Panel	ProEvo - PR	-1
4	331-05-10-06	Bottom Panel	ProEvo - SM	1
5	331-05-10-01	Extrusion Frame	Robotunits	-1
6	331-05-10-02	Side Panel Profile	Robotunits	2
7	331-05-10-04	Top Panel Profile	Robotunits	1
8	331-05-10-07	Bottom Panel Profile	Robotunits	-1
9	331-05-10-08	End Panel Profile	Robotunits	1
10	CAN 4501	Corner Piece	Robotunits	12
11	CAP 4041	End Cap	Robotunits	4
12	GUS 1101	Corner Bracket 100	Robotunits	4



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REMOVE ALL BURRS & SHARP EDGES

•	DRAWN BY:		DWG NO.: 331-05-10	
	DATE: 24/02/2023	REVISION NO:	DESCRIPTION: Lid Place Infeed Guard	
	⊕ €	SHEET SIZE: A3	QUANTITY: 1	
		SCALE:	MATERIAL: Material <not specified=""></not>	
	3RD ANGLE PROJECTION	LE PROJECTION DO NOT SCALE	SURFACE TREATMENT: None	
				SHEET 1 OF 1

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