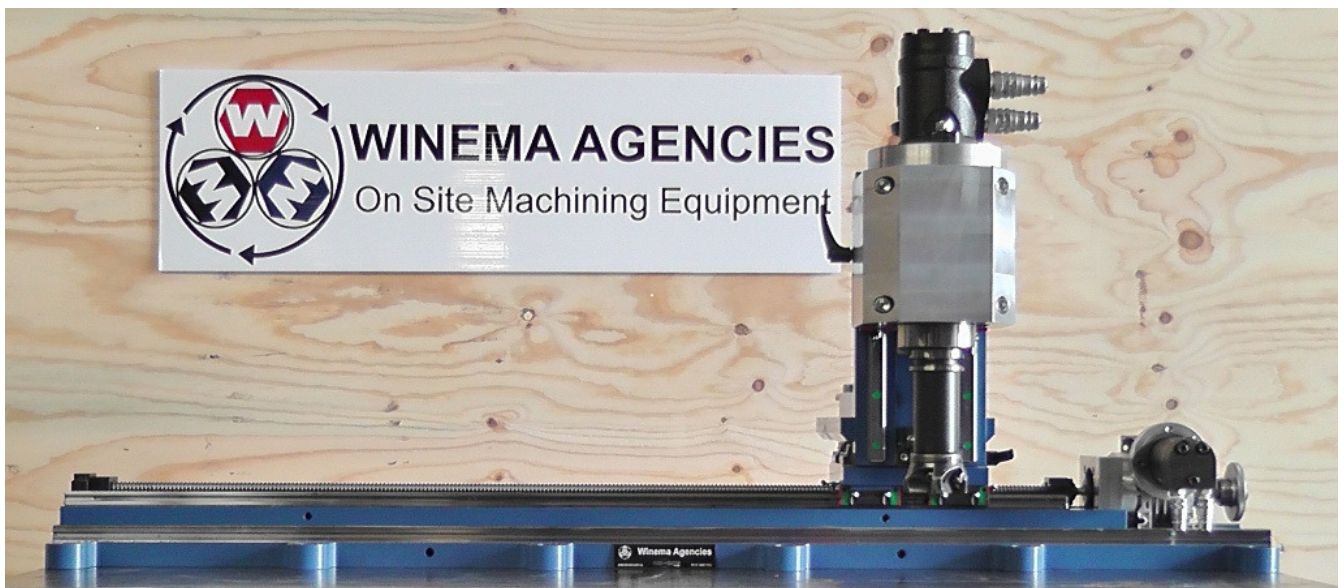




SJP PORTABLE 3 AXIS & , GANTRY MILLING MACHINES



WA DESIGNED SOLUTIONS

8/62 Kremzow Road, Brendale QLD 4500

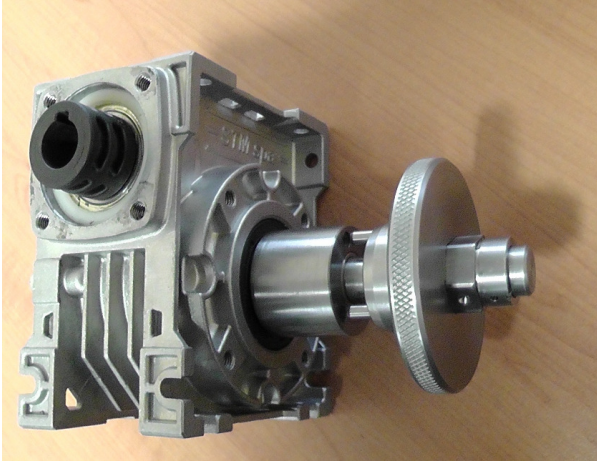
Ph:+61 7 3889 7622 Fx:+61 7 3889 7621

ABN 88 094 338 431

www.winema.com.au

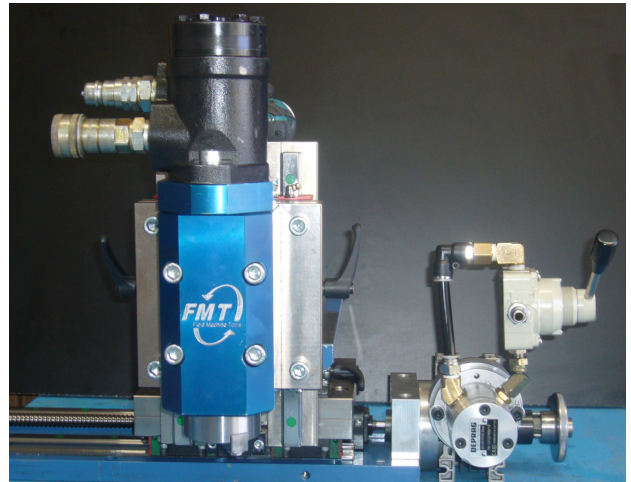
SJP Portable Milling Machines

The SJP Portable Milling Machines are designed for rugged In-Situ & On-Site milling, drilling or boring applications & are designed with the operator in mind. Incorporating precision Linear slides & bearings ensures versatility, accuracy & speed. The SJP 3 AXIS Portable Milling Machines are capable of travelling in all AXIS (XYZ) providing an ideal option for machining rectangular areas accurately.



X AXIS travel can be controlled manually or with smooth, consistent power feed from an infinitely variable & reversible pneumatic or hydraulic drive system.

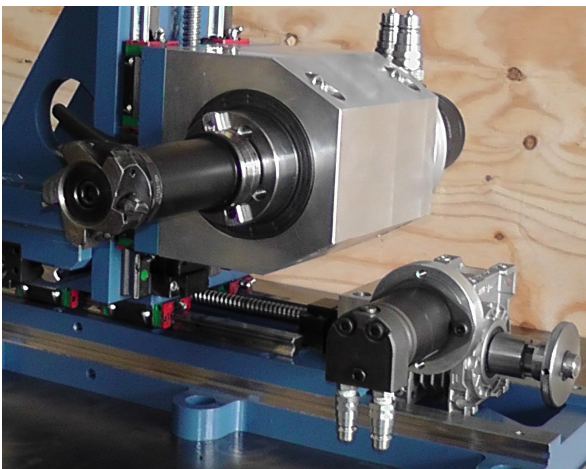
These Portable Milling Machines can be bolted or clamped directly onto the job using standard or custom built mounting fixtures & can be easily mounted in any position.



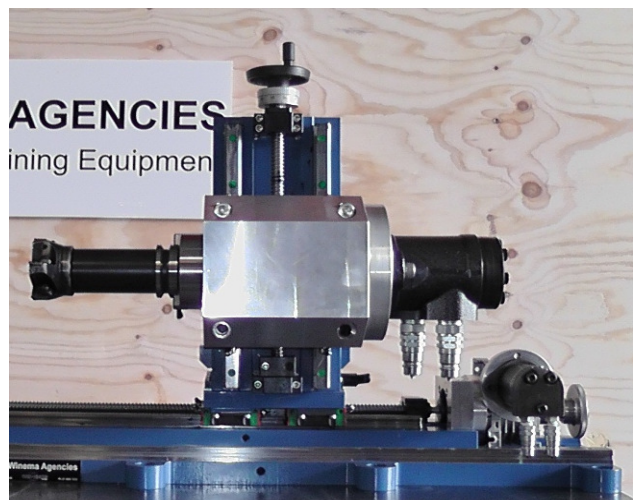
Our custom designed gearbox & clutch assembly allows the operator to easily engage or disengage the drive as required improving setup time while still providing accurate adjustment. In addition to this, changing feed rate or from pneumatic to hydraulic feed is quick & easy operation.

VERSATILE COMPACT ACCURATE

Versatility is the key to On-Site & In-Situ machining applications & the SJP Milling Machine is designed with this in mind. Utilising industry standard 30T & 40T drive allows the operator the option to use a selection of Facing Cutters, End Mills, Fly Cutters or Boring & Facing Heads

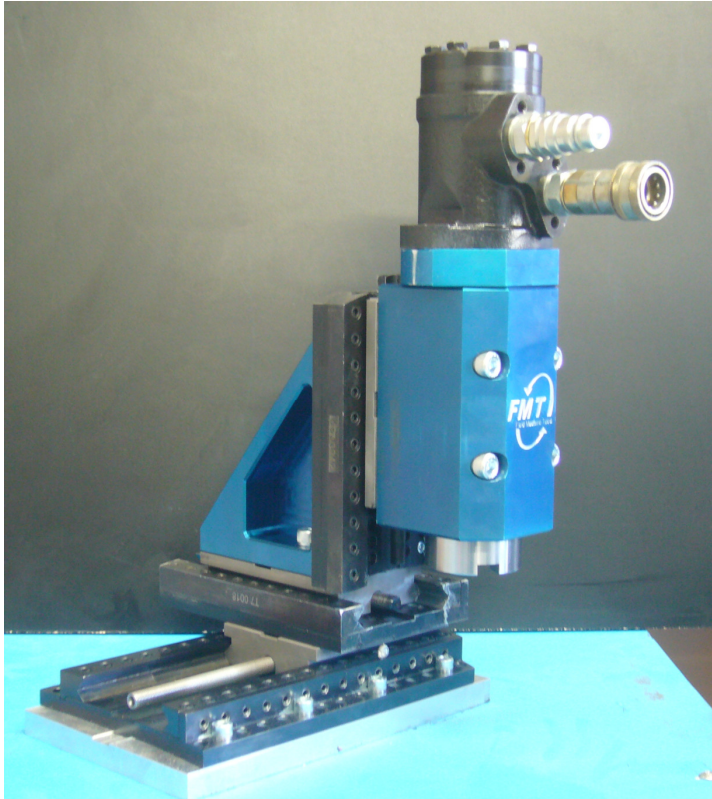


Another important feature of the SJP Portable Milling Machine is the ability to reposition the XY AXIS assembly in relation to the X Axis



This feature provides the operator with the ability to machine a surface other than the surface below the milling machine including directly above.

KCM Compact Portable Milling Machine



Utilising the same design concepts as the SJP Series the KCM Compact Mill is designed to get into small tight spaces. At just 350mm Wide, 350mm Deep, 500mm High (less with RA Drive Motor) the KCM Compact Milling Machine is compact & versatile.

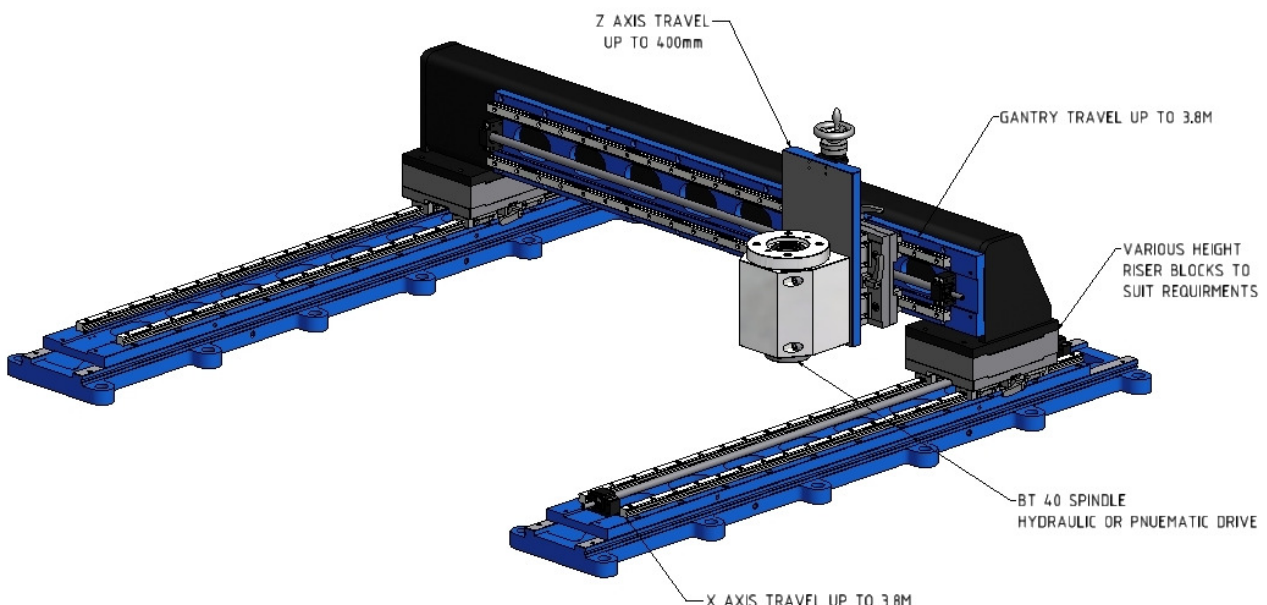
Equipped with a 30T Taper & combined with the ability to rotate both the Y & Z Axis 360 degrees makes the KCM Compact Mill one of the most versatile small milling machines on the market. The precision ground dovetails with adjustable gibs allow for a ridged setup ensuring smooth, accurate travel in all directions.

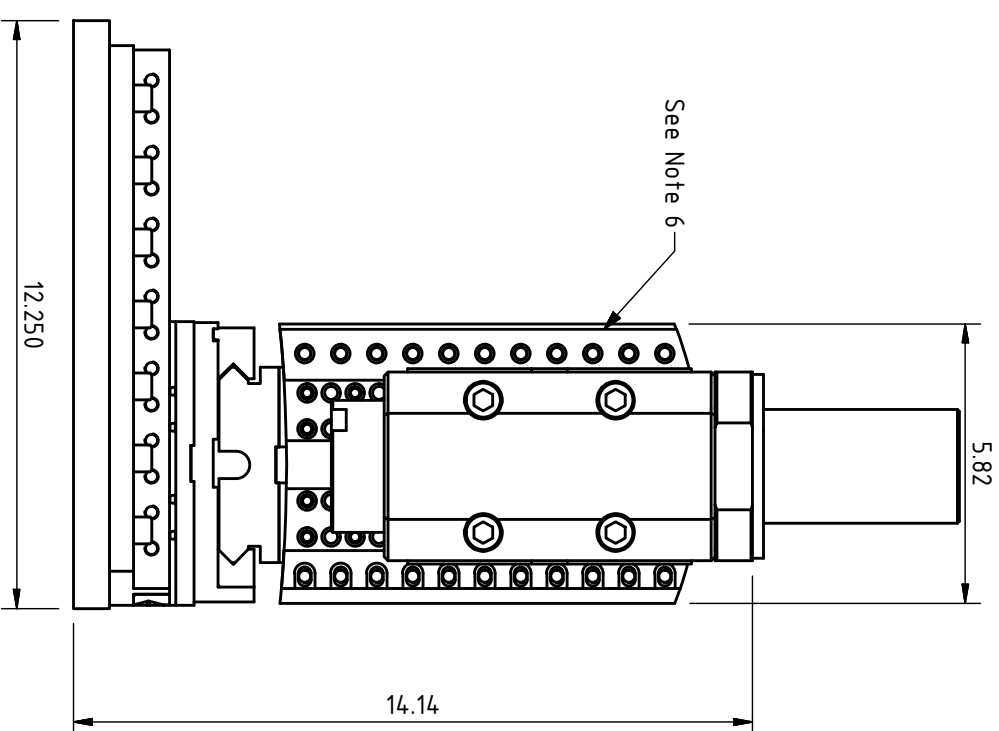
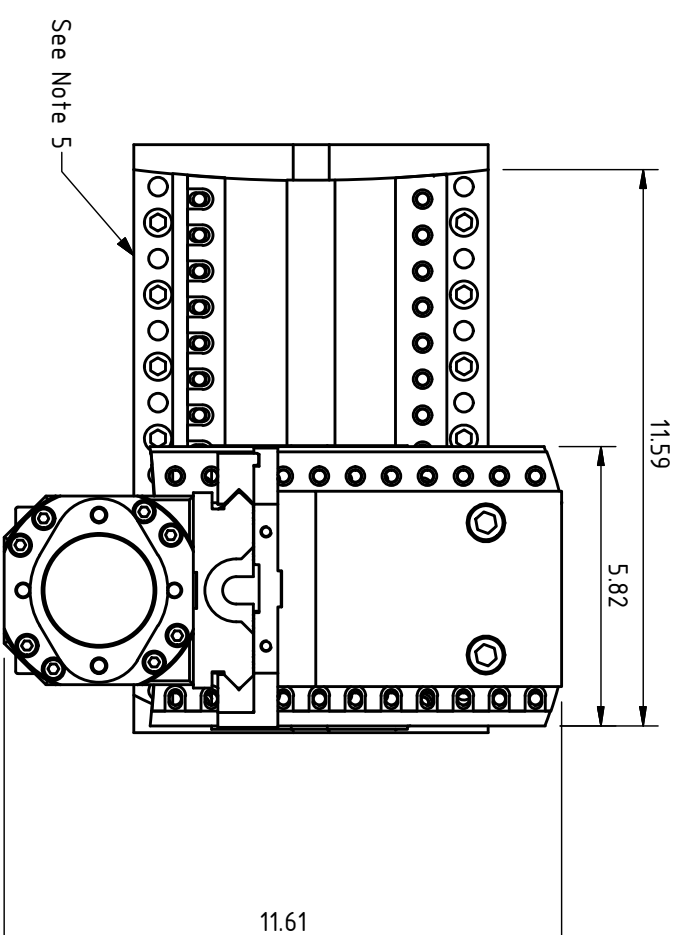
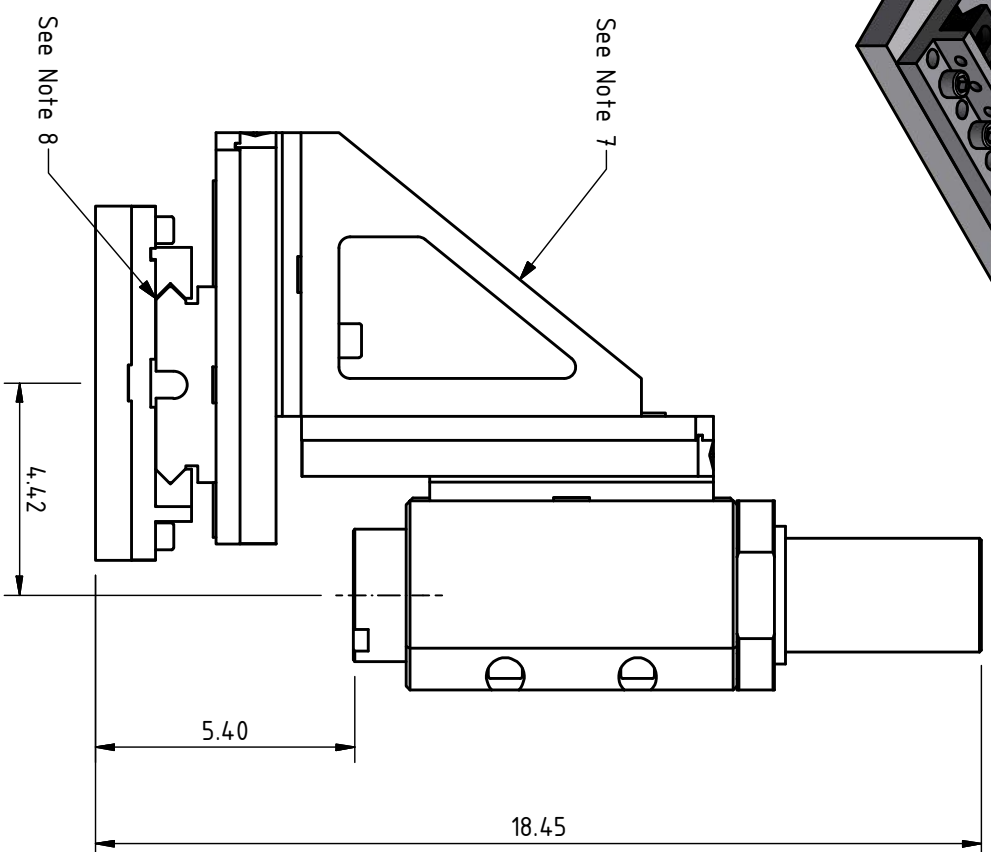
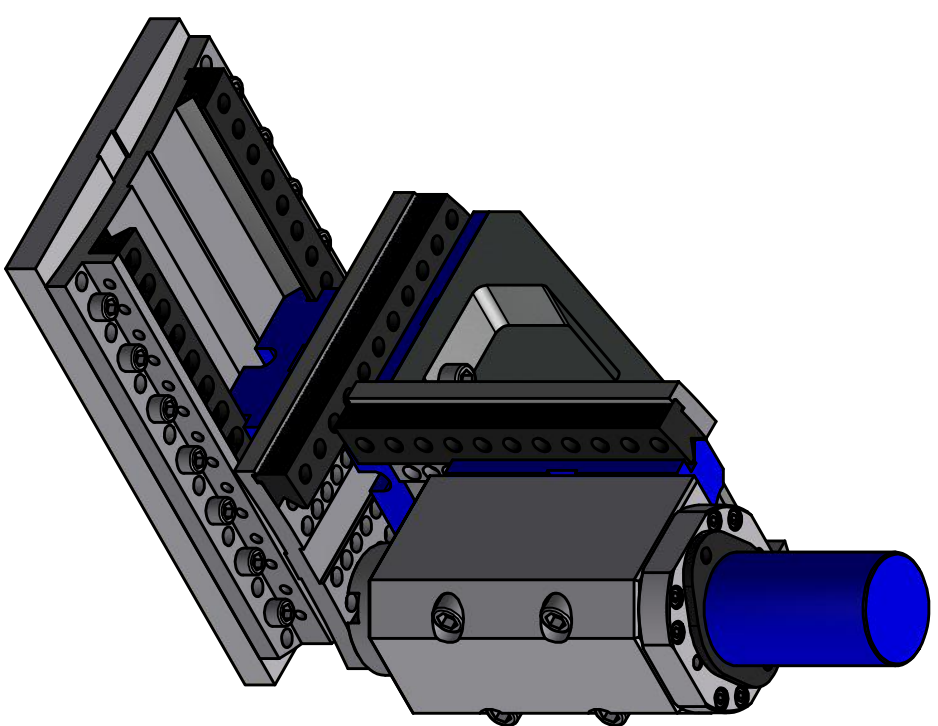
There are 3 drive options available for the KCM Compact Milling Machine,
Standard Hydraulic Drive,
Compact Hydraulic Drive
Right Angle Pneumatic Drive

This versatility allows the operator to select the most efficient cutting speed for applications requiring small slot mills to 50mm Facing Cutters.

Custom 3 Axis Portable Gantry Mill

The Component based design of the SJP Portable Milling System can easily be converted into a Gantry Milling System requiring minimal additional components.

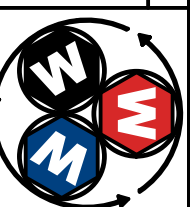




- MINI MILL FEATURES:**
1. Weight 36Kg.
 2. 7.0" X Travell.
 3. 4.0" Y & Z Travel.
 4. ISO 30 Taper Spindle.
 5. Standard H&S 10" TBS.
 6. Modified H&S 7" TBS. (Sides removed)
(Extra hole patern)
 7. Locally Manufactured Angle Mounting Bracket
 8. Locally Manufacture Slideways.
 9. 4. Postion Milling Head.
 10. Reversible Y / Z Axis Assembly.
 11. Multiple Mounting Postion on all Axis.

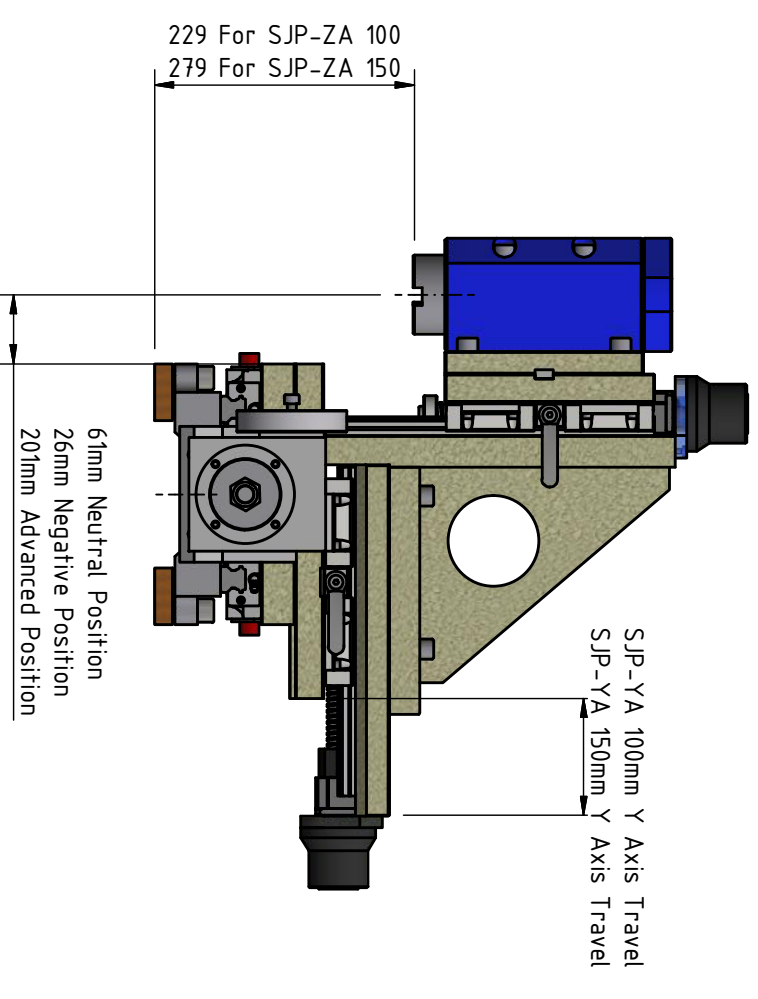
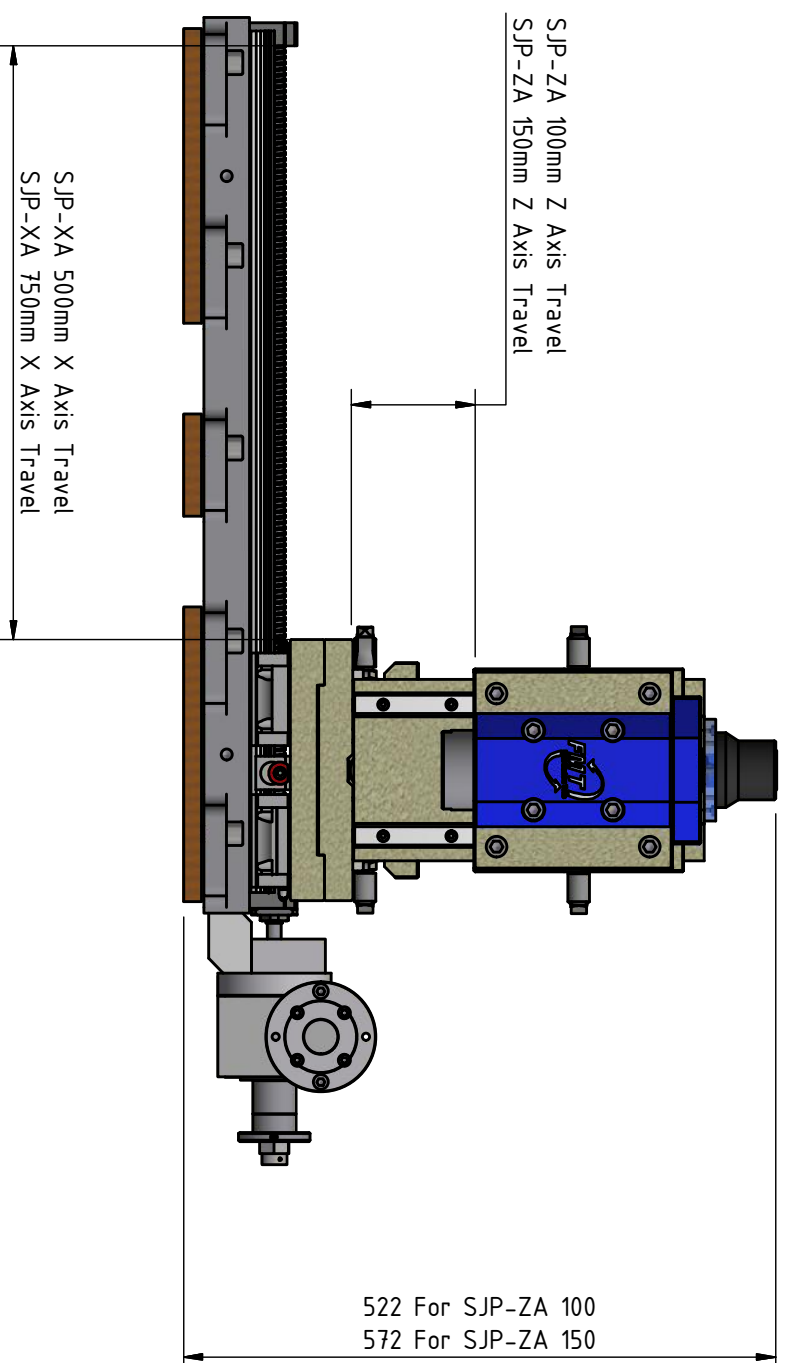
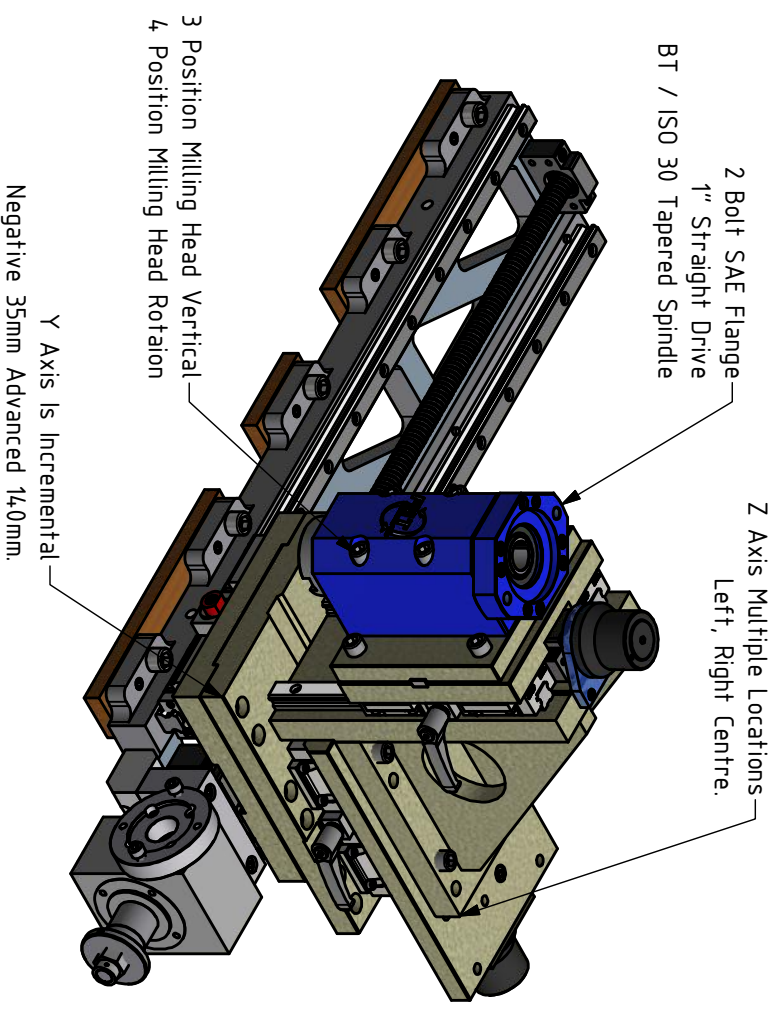
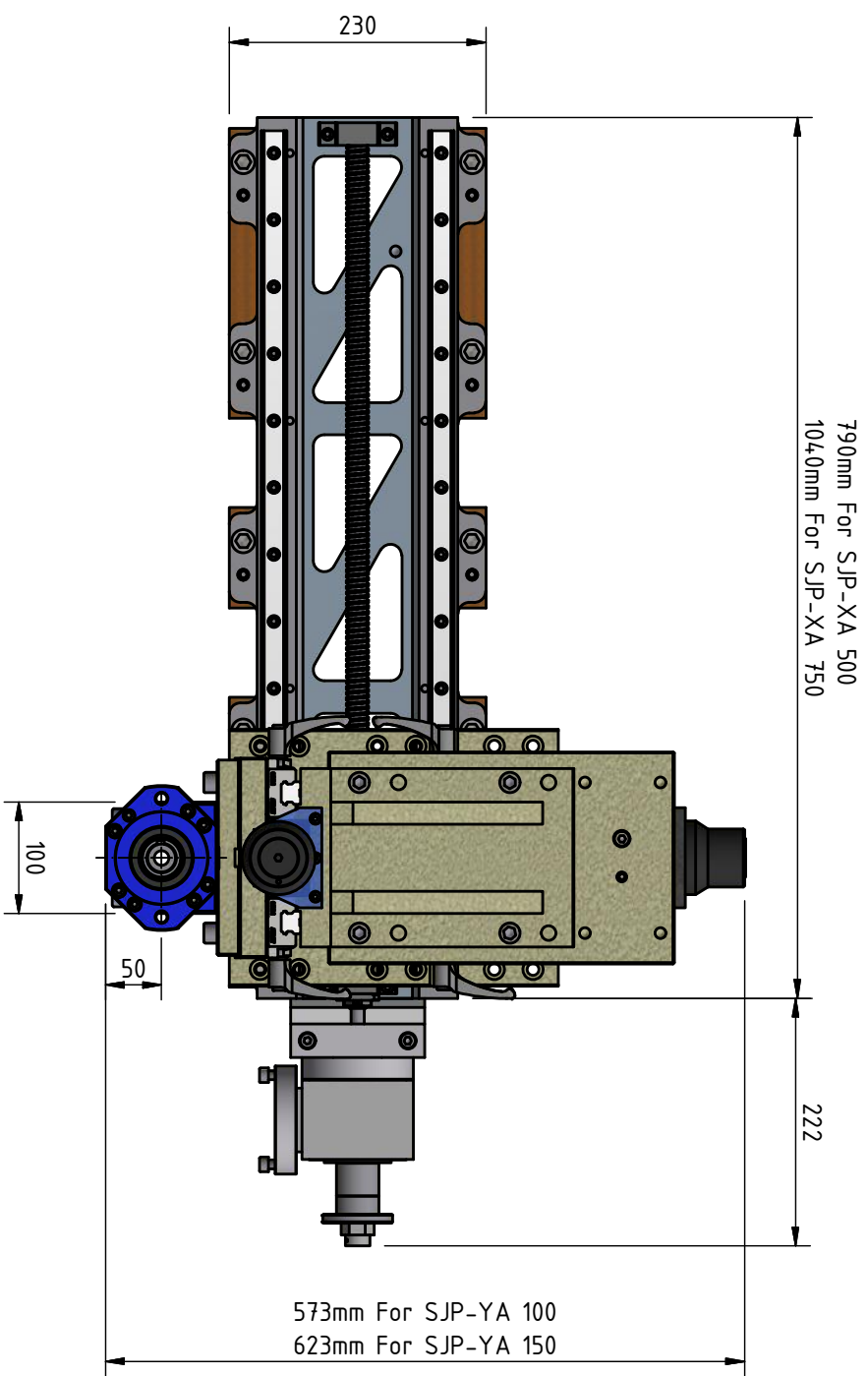
This drawing is the property of Winema Agencies Pty Ltd, 2/5 Percy Drive, Brendale QLD 4500 and is subject to return upon demand. It is submitted for use only in connection with the proposals of contracts of this organisation upon the express condition that it is not to be used directly or indirectly in any way detrimental to the interest of Winema Agencies Pty Ltd ABN :88094338431

General Tolerance	± 1.0
X	± 0.25
X:X	± 0.1
X:XX	± 0.1
Angles	0° 30'



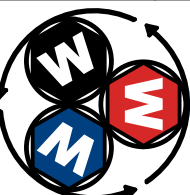
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DWG No:	KCM-1751010
Rev	00
Sheet No:	1 / 1
Size:	A3



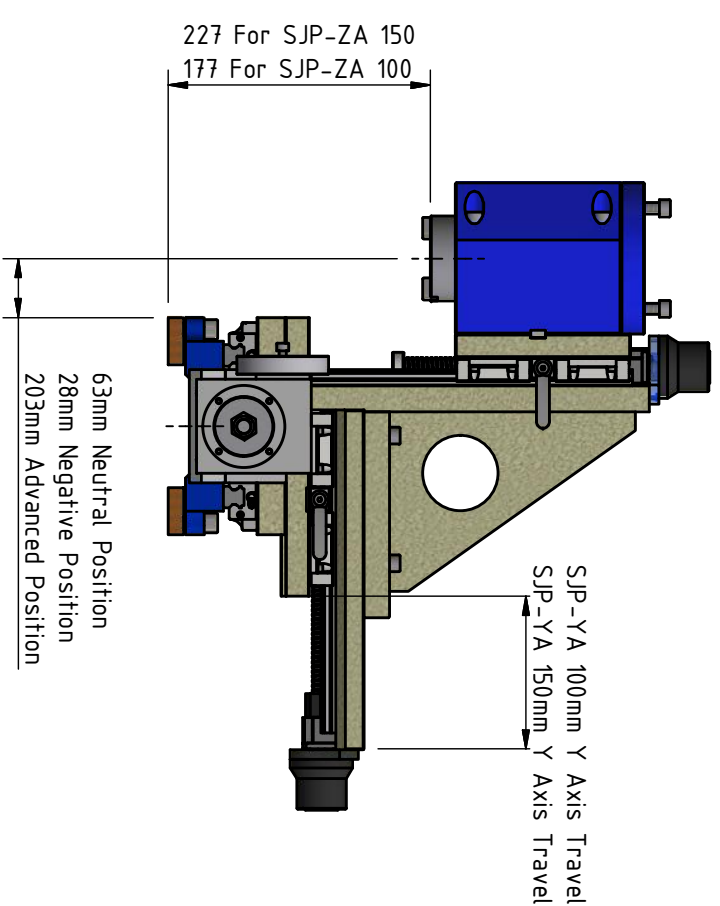
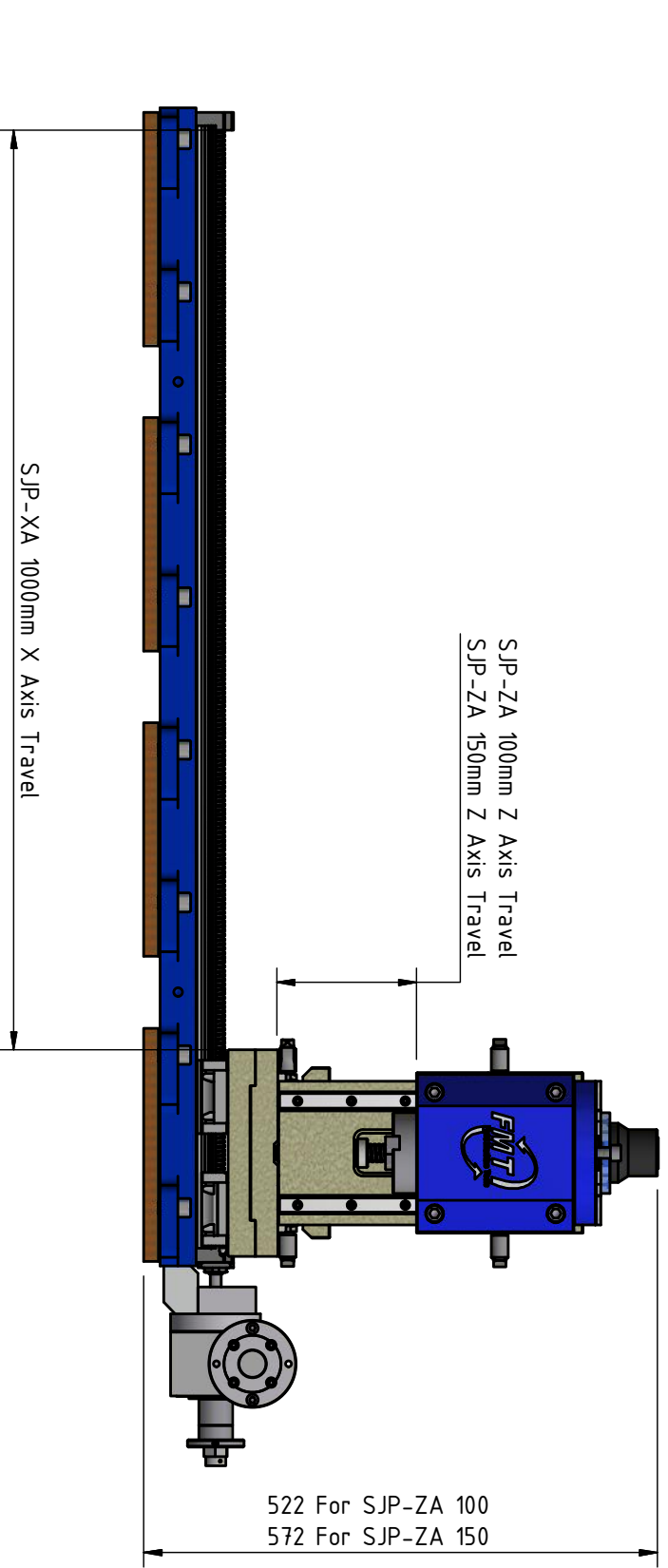
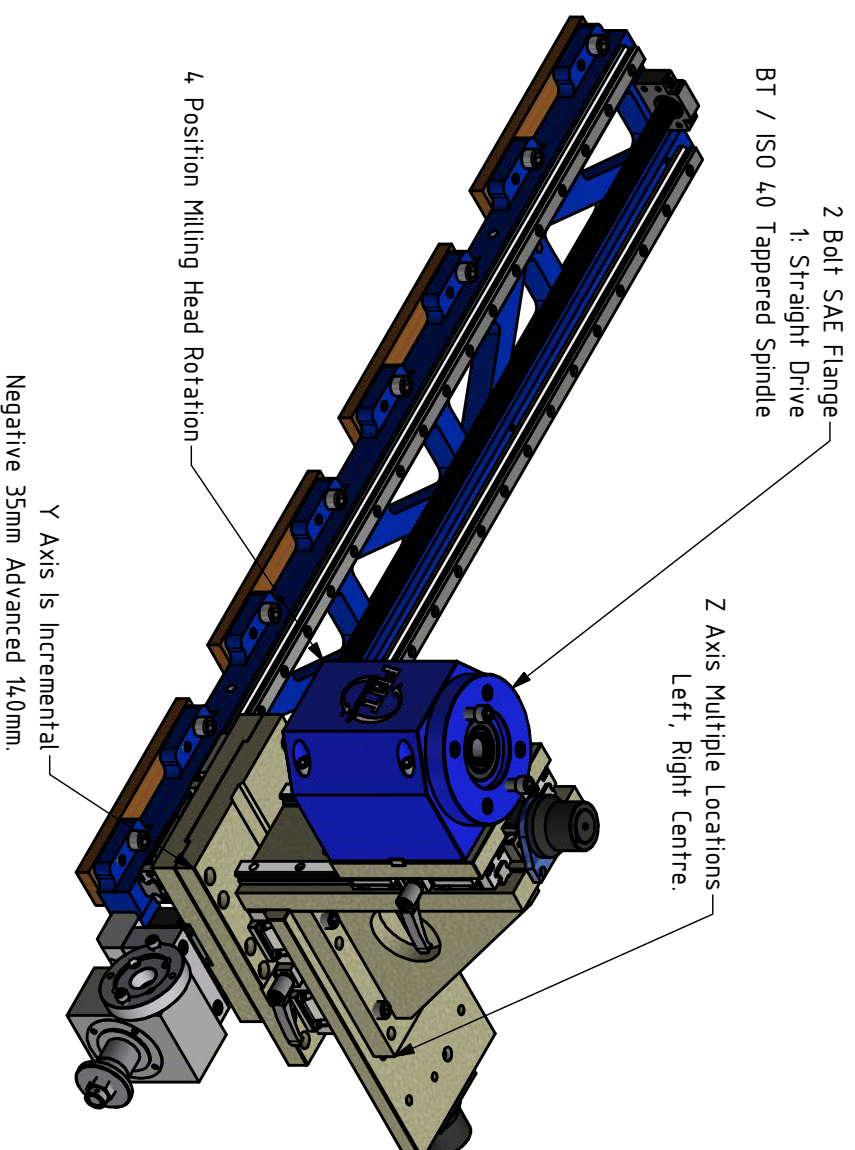
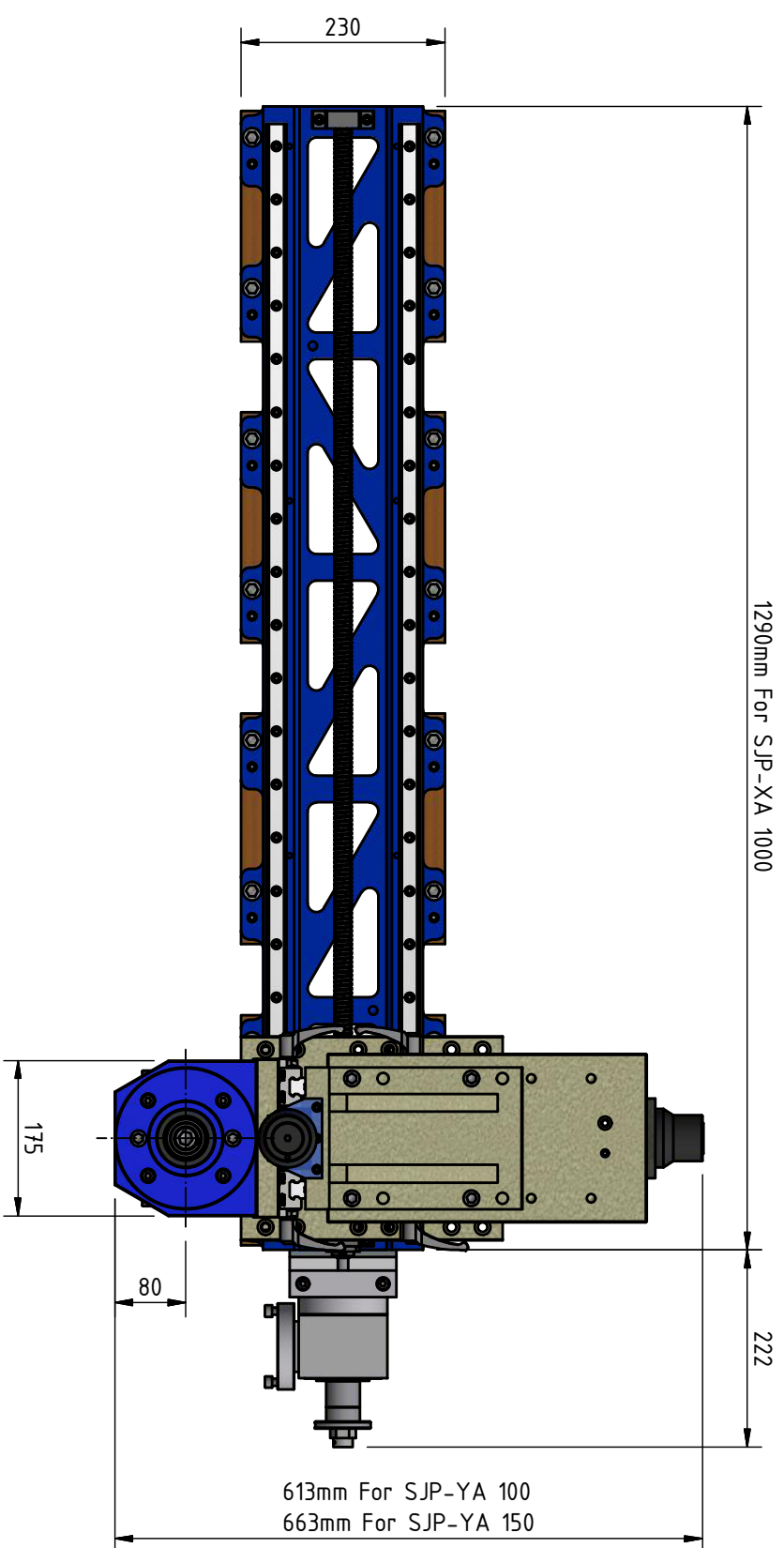
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General Tolerance	
X	± 1.0
X:X	± 0.25
X:XX	± 0.1
Angles	0° 30'



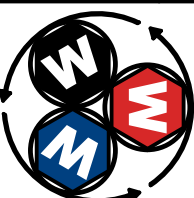
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Checked: SP	Date:
Approved: SP	Date:
Units: mm	

Title:	
Portable Milling Machine Type 2	
DWG No: SJP-0501010 T2-S	Rev: 0
Sheet No: 1 / 1	Size: A3



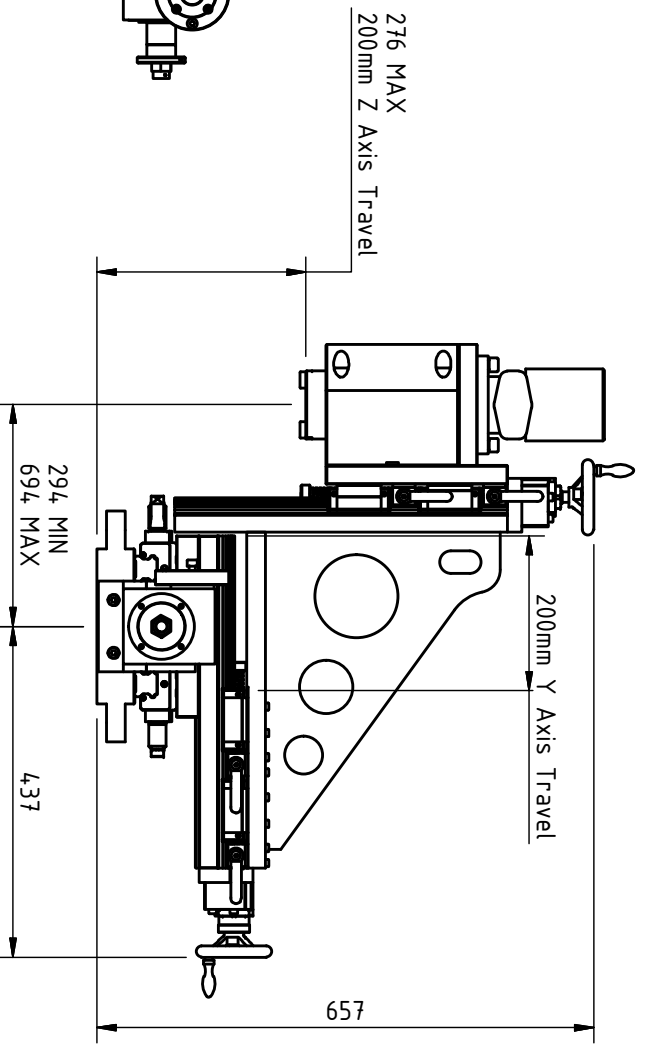
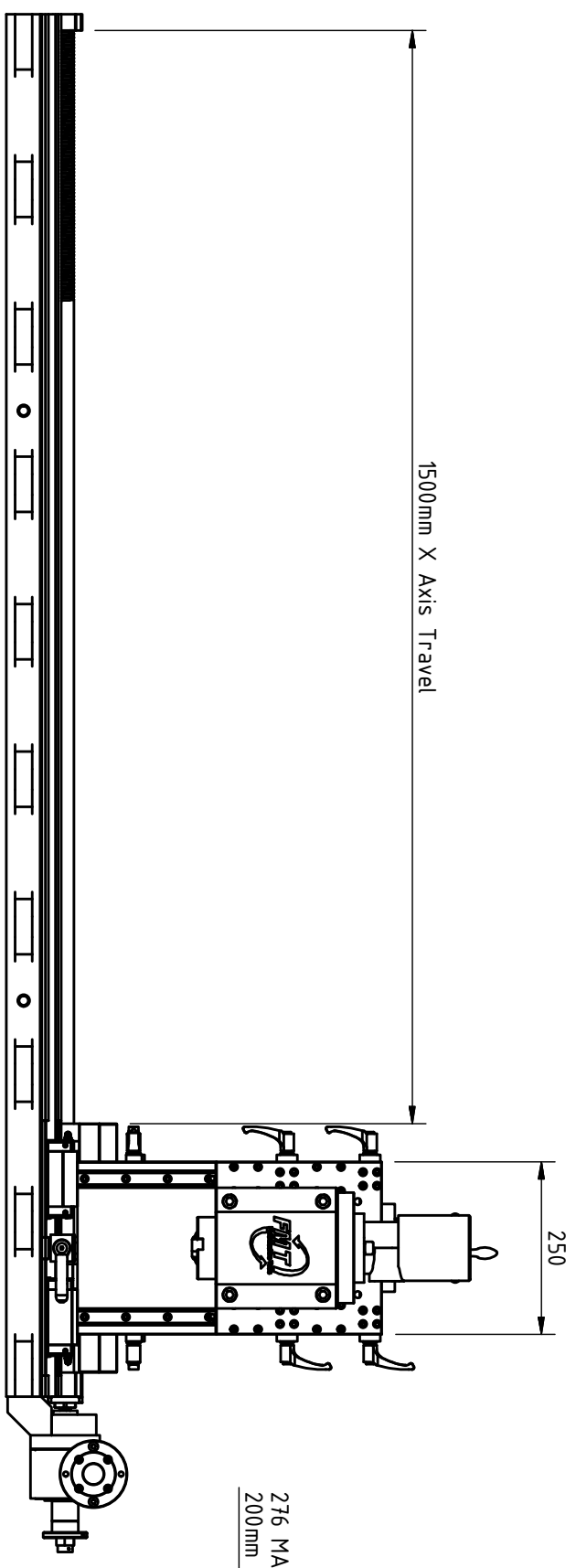
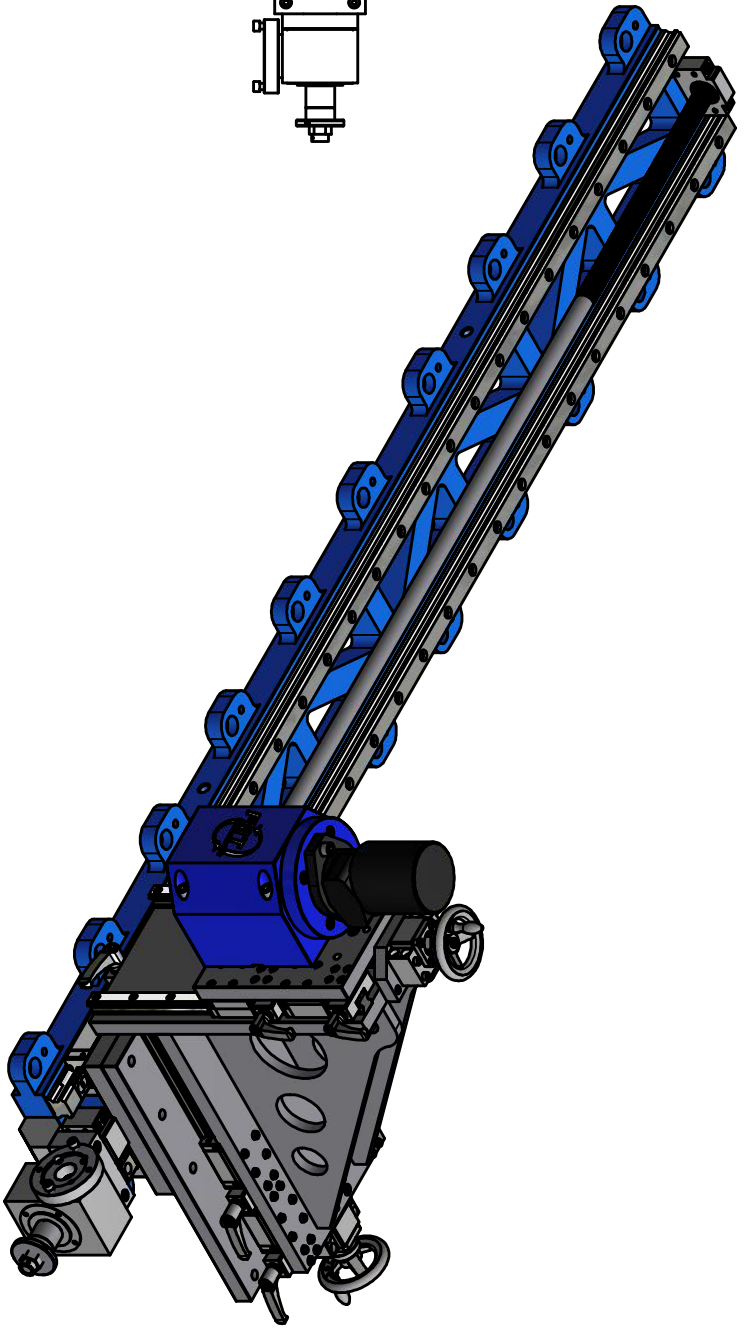
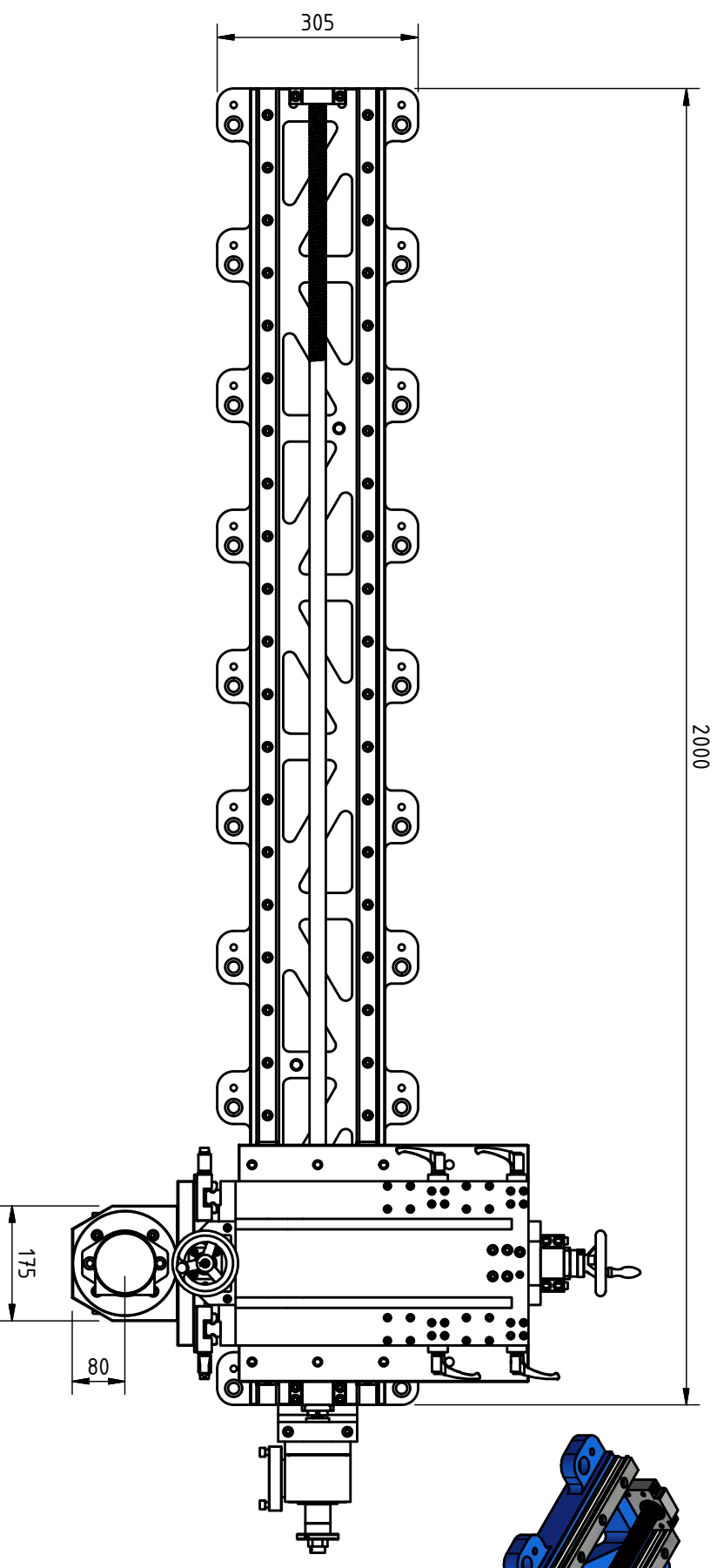
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General Tolerance	
X	± 1.0
X:X	± 0.25
X:XX	± 0.1
Angles	0° 30'

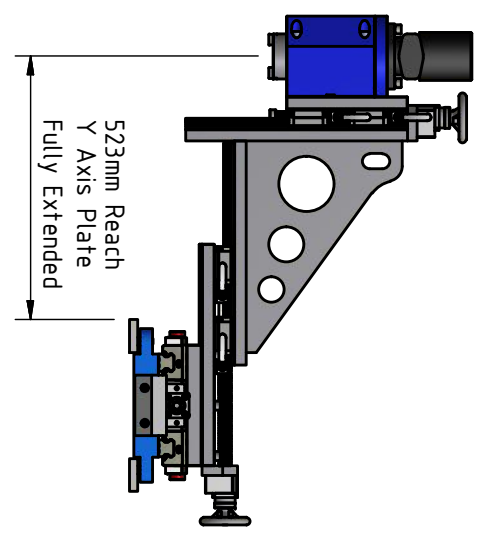
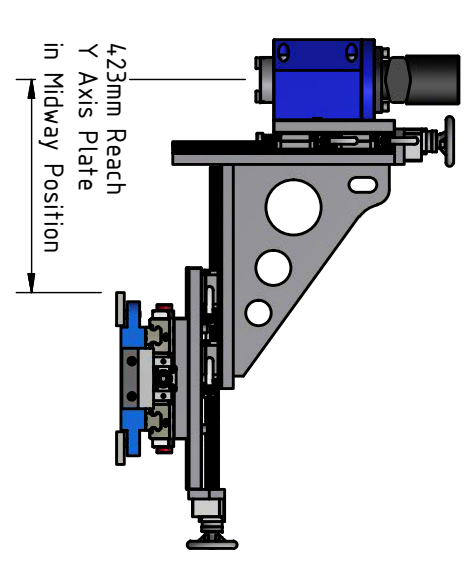
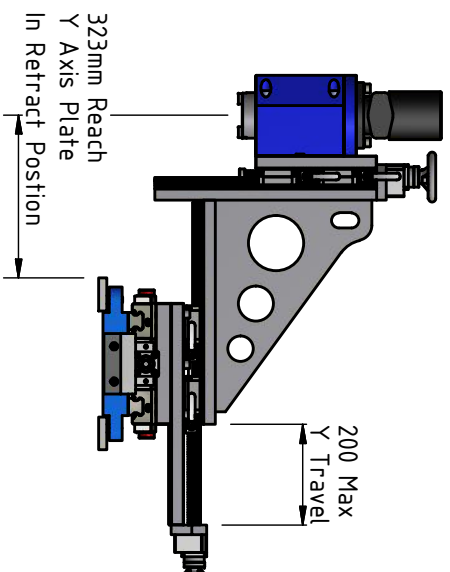
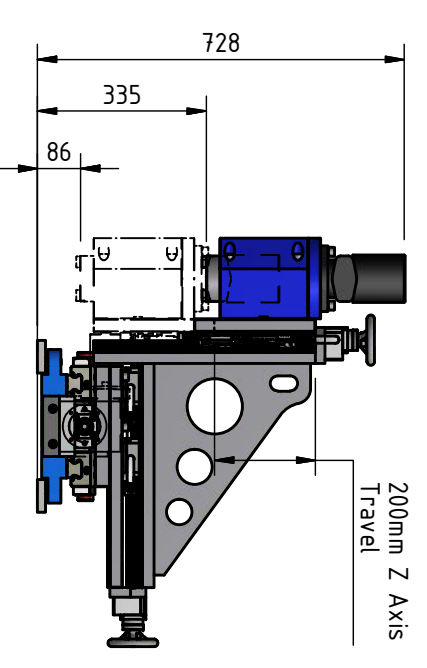
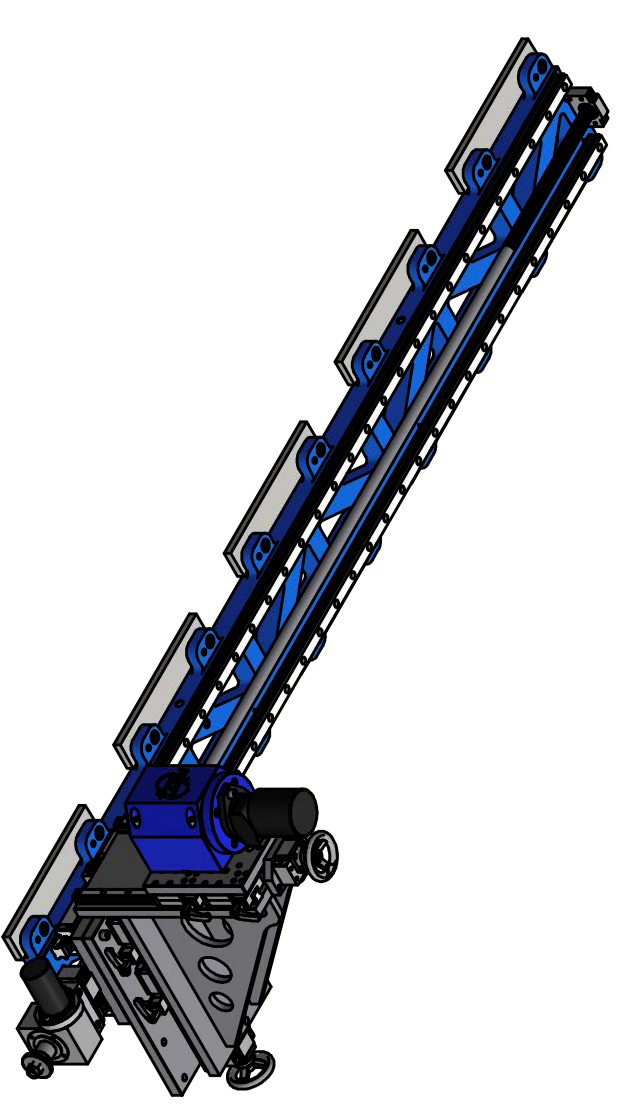
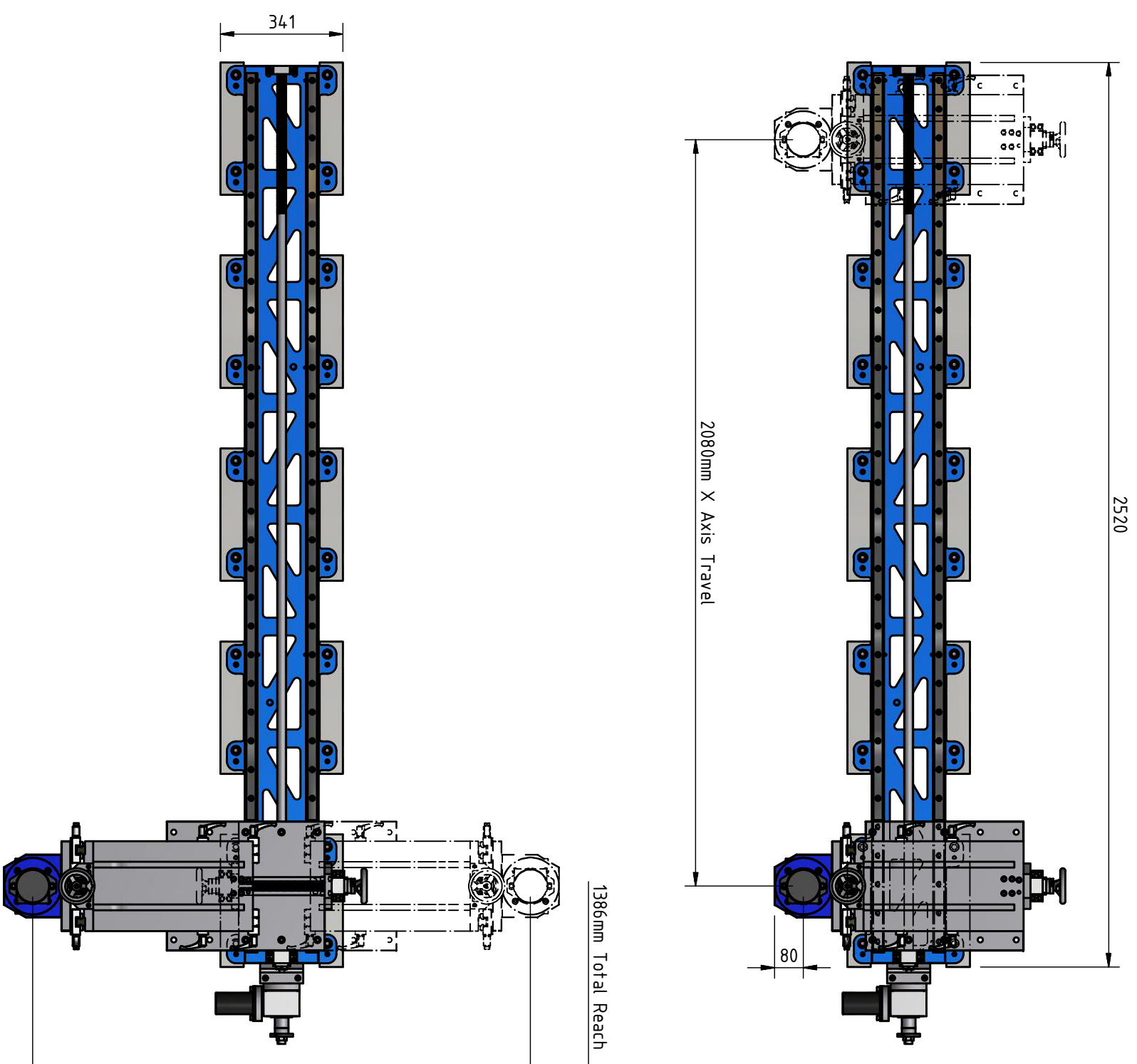


Winema Agencies Pty Ltd	
Drawn: SP	Date: 23-Sep-16
Checked: SP	Date: _____
Approved: _____	Date: _____
Units: mm	

Title: Portable Milling Machine Type 2 T40 Milling Head	
DWG No: SJP-1001515 T2	Rev: 0
Sheet No: 1 / 1	Size: A3

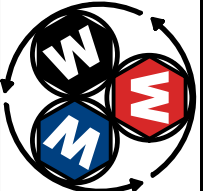


<p>This drawing is the property of Winema Agencies Pty Ltd, 2/5 Percy Drive, Brendale QLD 4500 and is subject to return upon demand. It is submitted for use only in connection with the proposals of contracts of this organisation upon the express condition that it is not to be used directly or indirectly in any way detrimental to the interest of Winema Agencies Pty Ltd ABN :88094338431</p>		<p>General Tolerance</p> <p>X ± 1.0</p> <p>X:X ± 0.25</p> <p>X:XX ± 0.1</p> <p>Angles 0° 30'</p>				<p>Winema Agencies Pty Ltd</p> <p>Drawn: SP Date: 26/09/2013</p> <p>Checked: Date</p> <p>Approved: Date</p> <p>Units: mm</p>		<p>Title: Milling Machine 1500mm x 400mm x 200mm</p> <p>DWG No: SJP-1504020</p>		<p>Rev 00</p> <p>Sheet No: 1 / 1</p> <p>Size: A3</p>	
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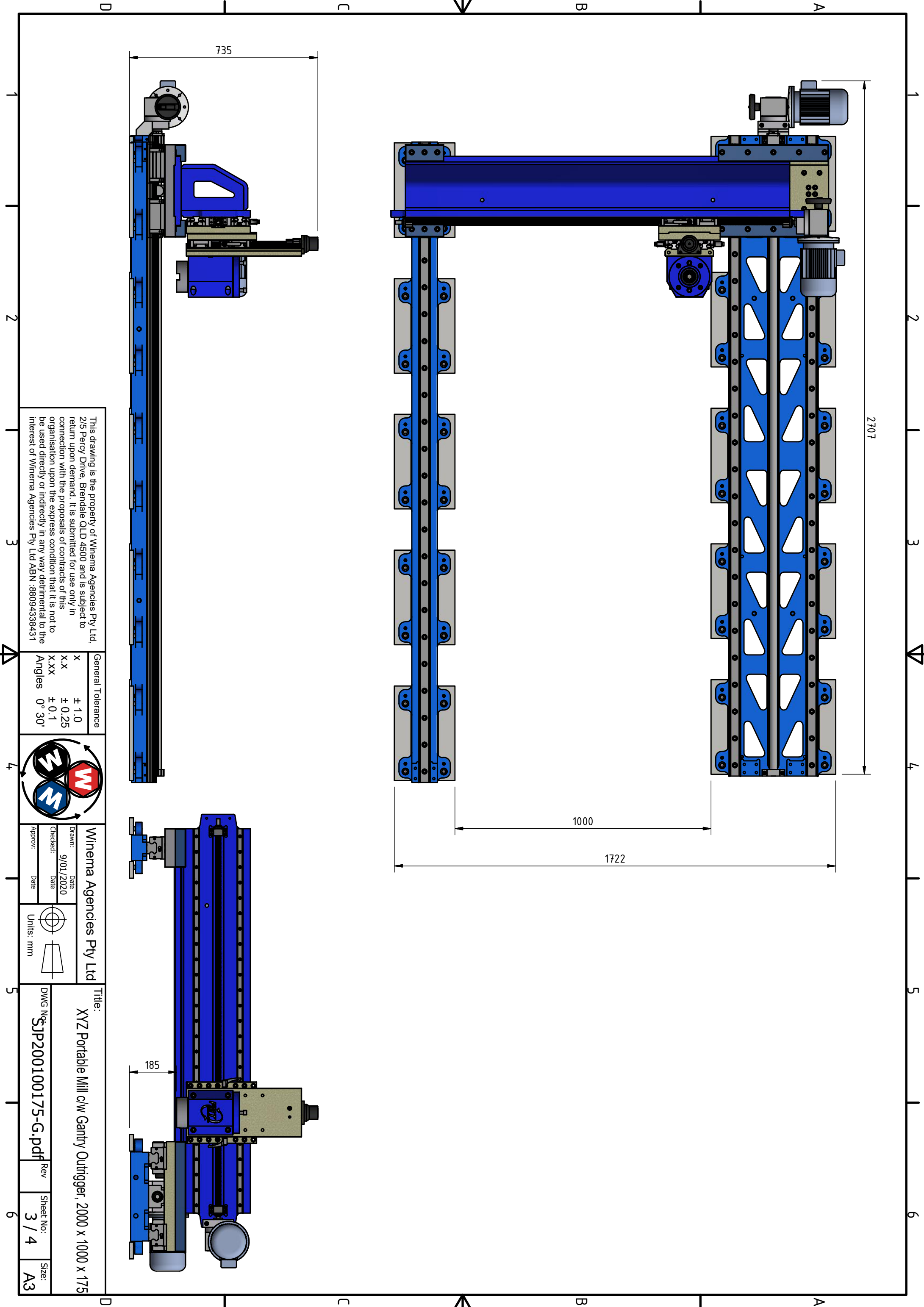
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General Tolerance	± 1.0
X	± 0.25
X.X	± 0.1
X:XX	0° 30'



Winema Agencies Pty Ltd	
Drawn: SP	Date: 2/07/2015
Checked:	Date:
Approv:	Date:
Units: mm	

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DWG No: SJP-2004020-P	Rev: 00
Sheet No: 1 / 1	Size: A3



2707

1000

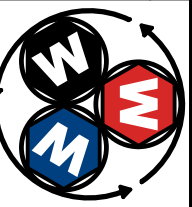
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735

185

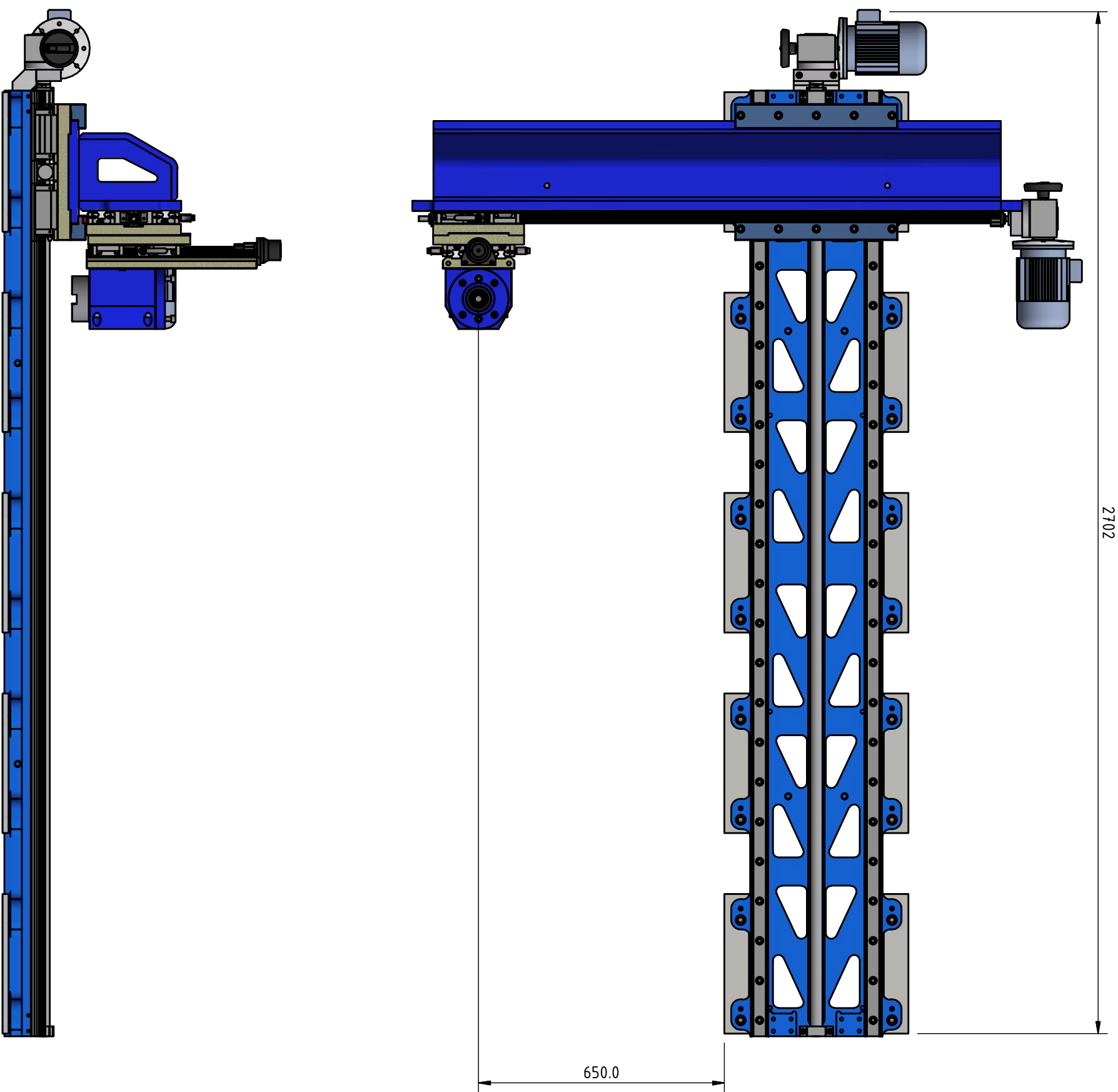
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General Tolerance	
X	± 1.0
X:X	± 0.25
X:XX	± 0.1
Angles	0° 30'



Winema Agencies Pty Ltd		
Drawn: _____	Date: _____	
Checked: _____	Date: 9/01/2020	Units: mm
Approved: _____	Date: _____	

Title:		
XYZ Portable Mill c/w Gantry Outrigger, 2000 x 1000 x 175		
DWG No: SJP200100175-G.pdf	Rev	Sheet No: 3 / 4
Size: A3		

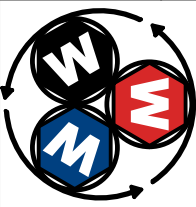


2702

650.0

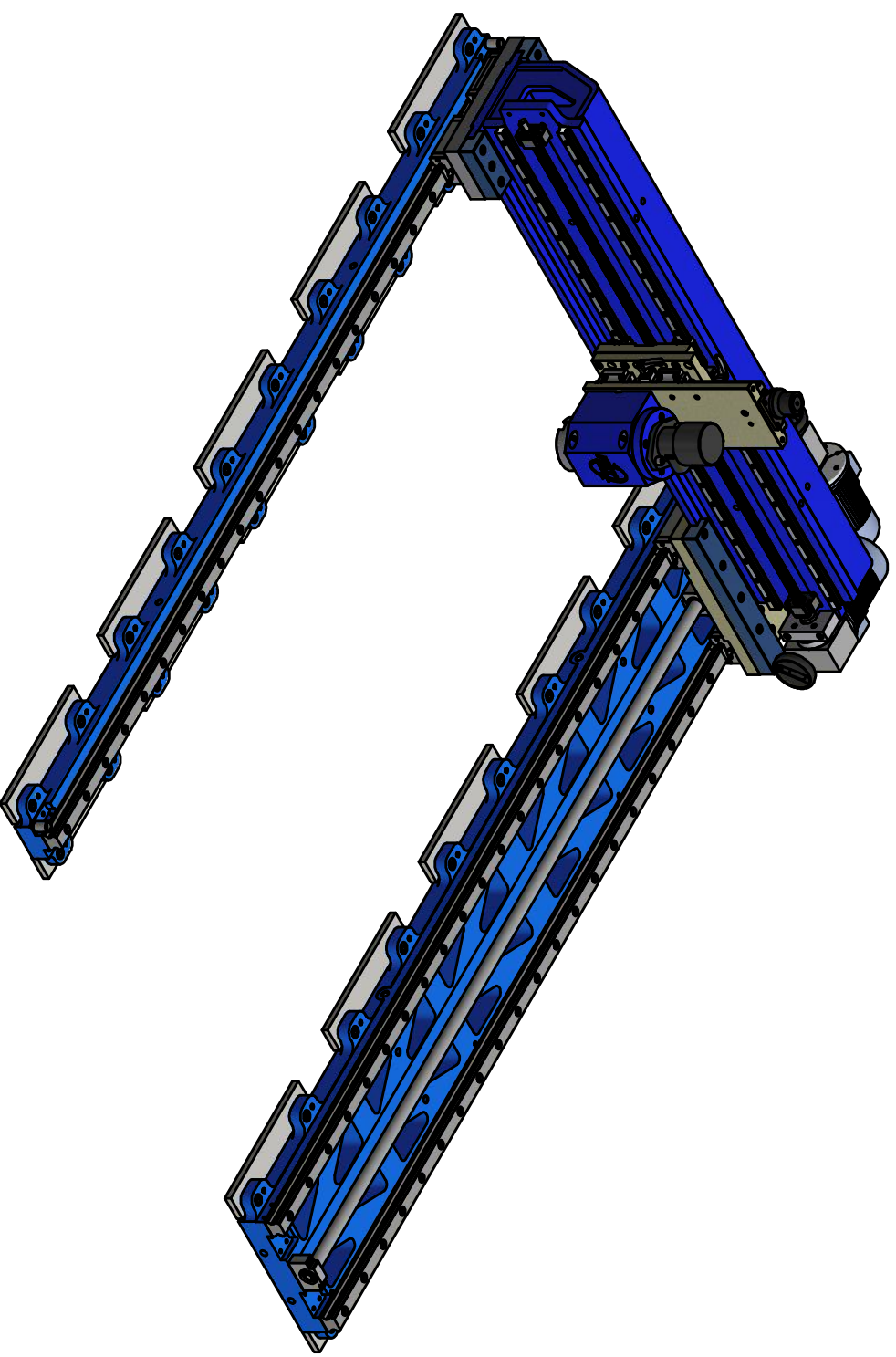
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General Tolerance	
X	± 1.0
X:X	± 0.25
X:XX	± 0.1
Angles	0° 30'



Winema Agencies Pty Ltd	
Drawn:	Date
Checked:	9/01/2020
Approv:	Date
Units: mm	

Title:	
XYZ Portable Mill c/w Gantry Outrigger, 2000 x 1000 x 175	
DWG No:	Rev
SJP200100175.pdf	
Sheet No:	Size:
4 / 4	A3



Machine will be supplied with the following features:

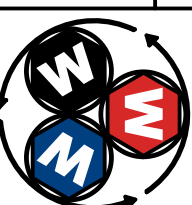
- 2000mm Feed "X" Axis (45mm Linear Rails 32mm Ball Screw) 570Kg
- 1000mm Feed "Y" Axis (when used with Gantry Outrigger) 290Kg
- 175mm Feed Travel on "Z" Axis 60Kg
- Machineable Area of 2920 x 2040mm (Non Gantry Mode)
- Z Axis Total Range 385mm (Max Lower to Max Upper)
- T50 Taper Spindle
- Hydraulic Spindle Drive Motor
- 2 x Feed Gear Box c/w Electric Motor
- Feed Control Box "X" and "Y"
- Tool Kit
- 2000mm Travel Gantry Out Rigger. 220Kg
- 1 x Shipping Locker. 280 x 90 x 40cm @ 910Kg
- 1 x Shipping Locker. 200 x 65 x 50cm @ 470Kg

Options:

- 2000mm X Travel & Gantry Outrigger Extension (Total Travel 4000mm)
- 2000mm Travel Gantry Bridge
- 300mm Travel Z Axis
- Electric Feed Z Axis
- 3 Axis Feed Controller
- CNC Controller

This drawing is the property of Winema Agencies Pty Ltd, 2/5 Percy Drive, Brendale QLD 4500 and is subject to return upon demand. It is submitted for use only in connection with the proposals of contracts of this organisation upon the express condition that it is not to be used directly or indirectly in any way detrimental to the interest of Winema Agencies Pty Ltd ABN :88094338431

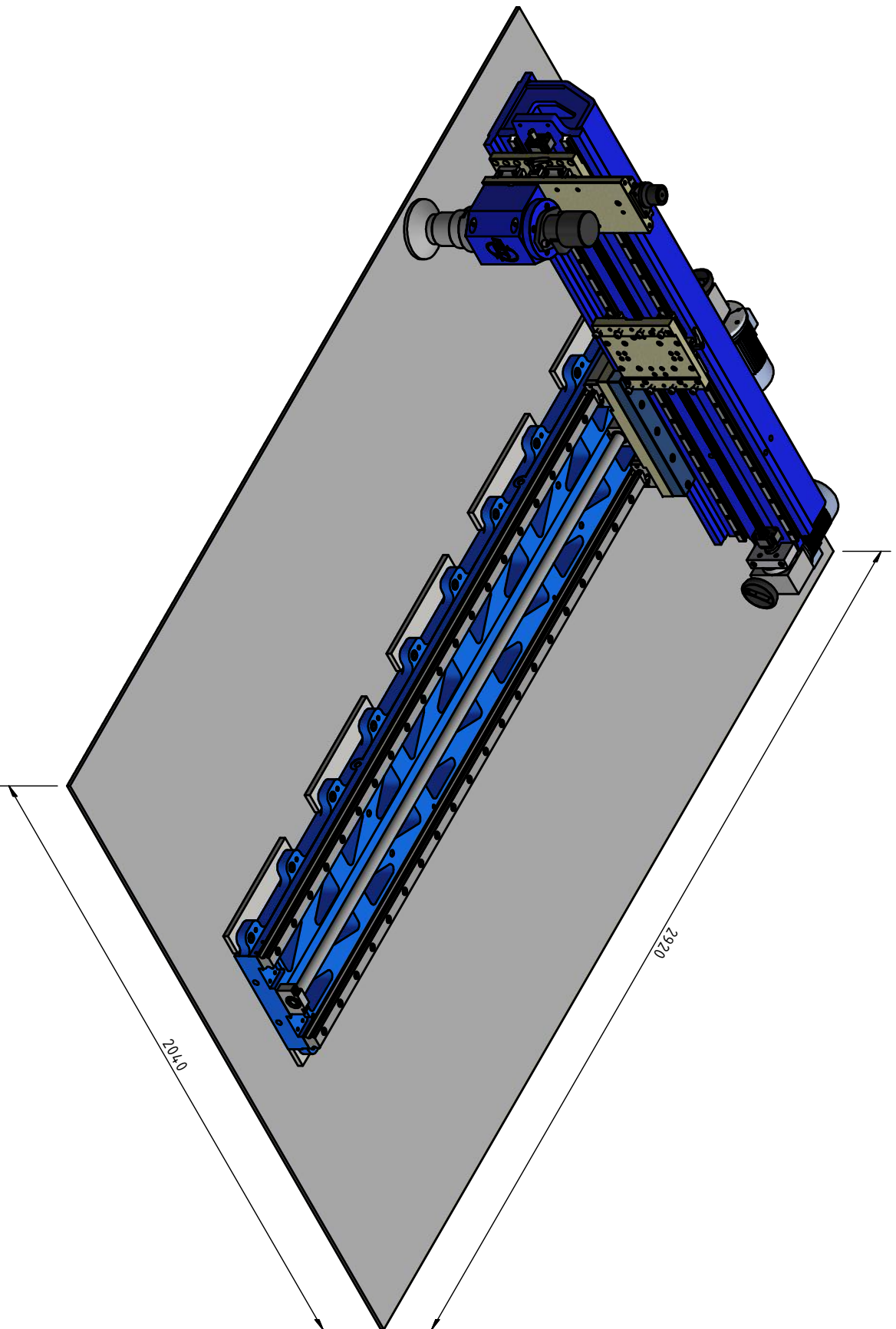
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X:XX	± 0.1
Angles	0° 30'



Winema Agencies Pty Ltd		
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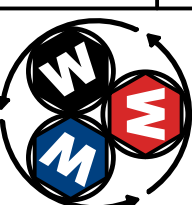
Title: XYZ Portable Mill c/w Gantry Outrigger, 2000 x 1000 x 175		Rev	Sheet No:	Size:
DWG No: SJP200100175-G-Specs	00	1 / 4	A3	

In Non Gantry Mode Max Machining Area is 2920 x 2040mm



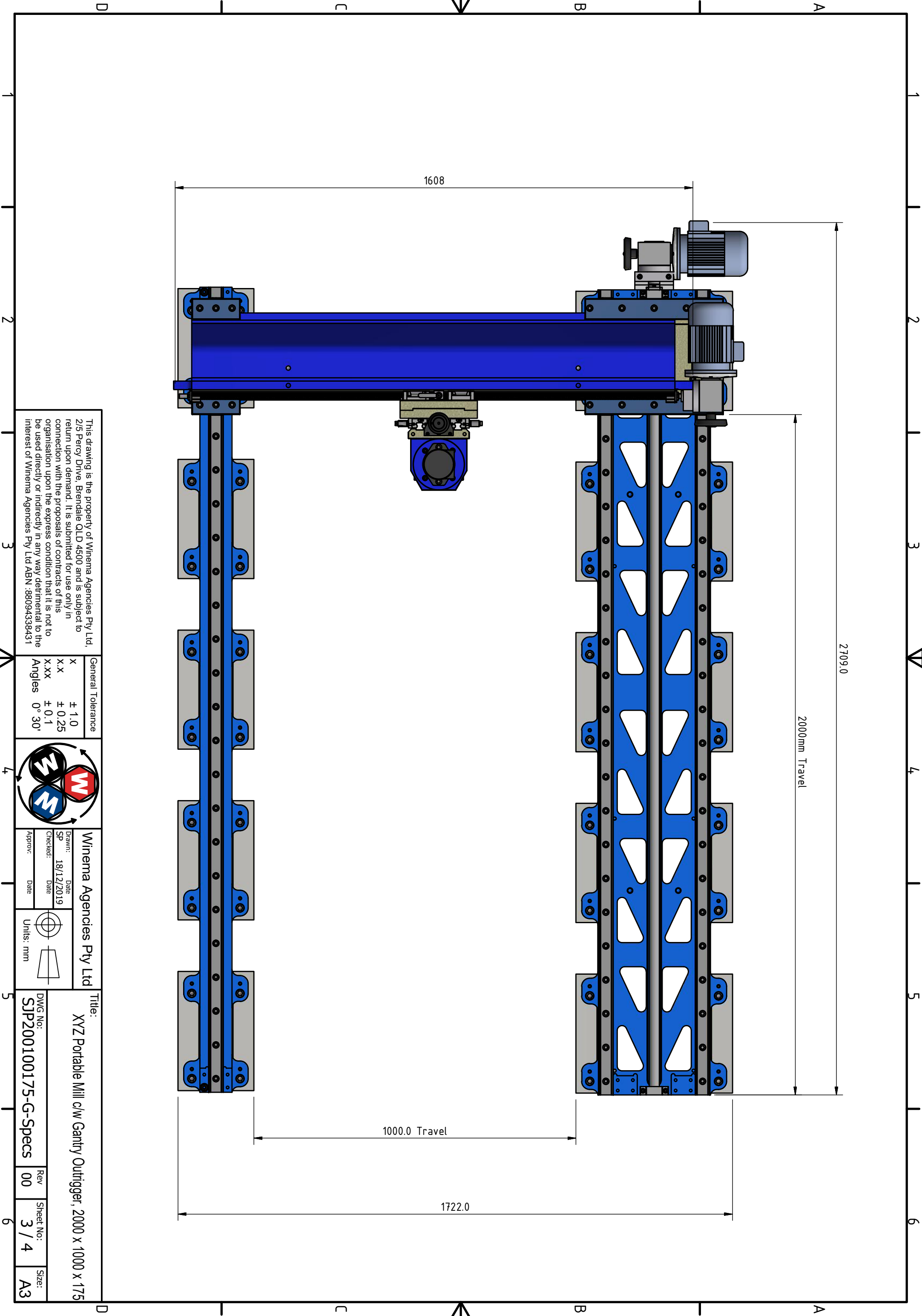
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General Tolerance	± 1.0
X	± 0.25
X:X	± 0.1
X:XX	± 0.1
Angles	0° 30'



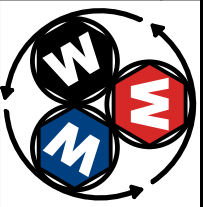
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Checked: SP	Date: 18/12/2019
Approved: _____	Date: _____
Units: mm	

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DWG No:	Rev
SJP200100175-Specs	00
Sheet No:	Size:
2 / 4	A3



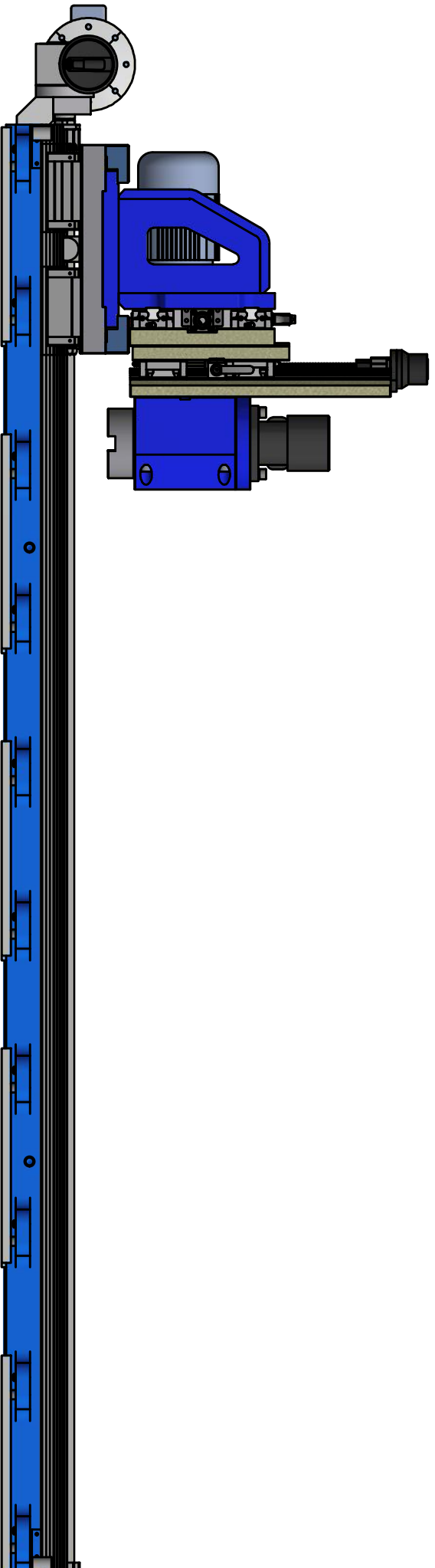
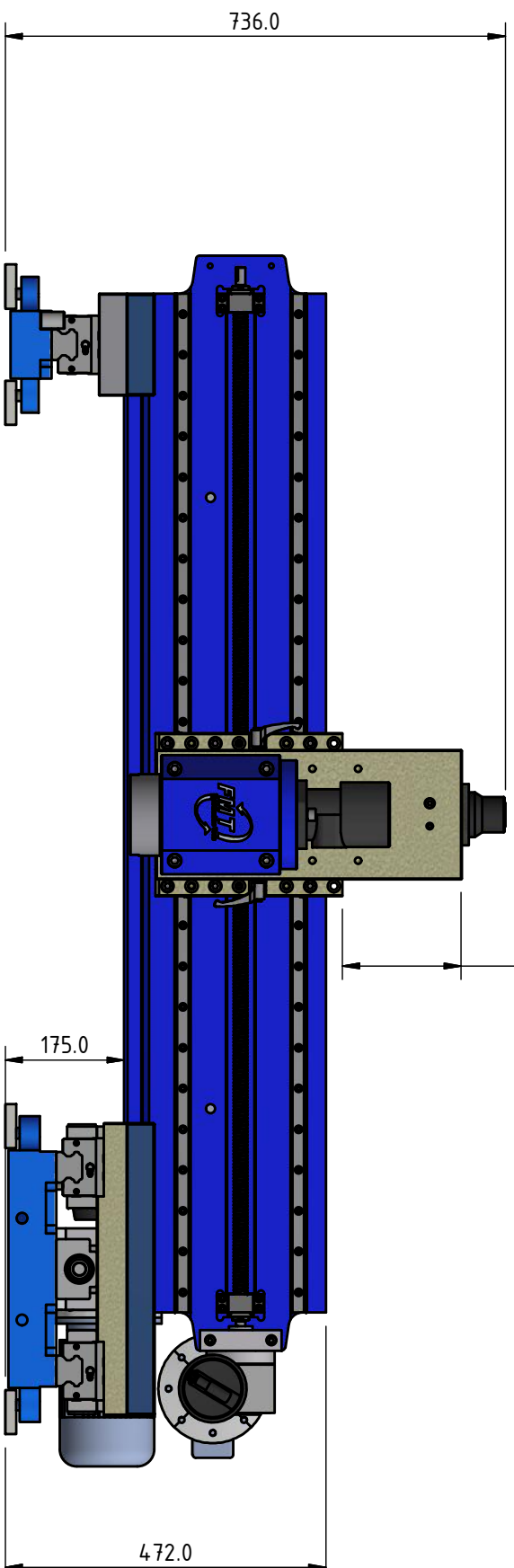
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General Tolerance	
X	± 1.0
X:X	± 0.25
X:XX	± 0.1
Angles	0° 30'



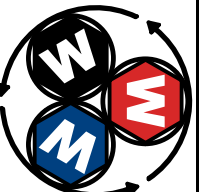
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Sheet No: 3 / 4	Size: A3



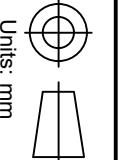
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X	± 1.0
X:X	± 0.25
X:XX	± 0.1
Angles	0° 30'



Winema Agencies Pty Ltd

Drawn: SP
Checked: 18/12/2019
Date: 18/12/2019
Date: 18/12/2019



Title: XYZ Portable Mill c/w Gantry Outrigger, 2000 x 1000 x 175

DWG No: SJP200100175-G-Specs

Rev	Sheet No:	Size:
00	4 / 4	A3

GENERAL SPECIFICATIONS

STANDARD 3 AXIS PORTABLE MILLS

SJP MILL	O/A LENGTH	X AXIS	Y AXIS	Z AXIS	STD SHANK
KCM-0150707	350mm	150mm	75mm	75mm	30T
SJP-0501010	1012mm	500mm	100mm	100mm	30T
SJP-0751010	1262mm	750mm	100mm	100mm	30T
SJP-1001515	1512mm	1000mm	150mm	150mm	40T
SJP-1501515	2250mm	1500mm	150mm	150mm	40T
SJP-1504020-HD	2350mm	1500mm	400mm	200mm	40T
SJP-2004020-HD	2770mm	2000mm	400mm	200mm	40T
SJP-200100175-G	2709mm	2000mm	1000mm	175mm	50T

SJP Portable Milling Machines are available with a number of drive & Feed options.

Cutter Drive Options
Cutter Drive Speed

Pneumatic or Hydraulic
25 – 700rpm depending on pump & motor options

X Axis Power Feed Options
X Axis Power Feed Speeds

Pneumatic or Hydraulic
10:1 Gearbox 150mm/min to 750mm/min Rapid Traverse

HYDRAULIC POWER PACK

Hydraulic power unit requirements

The SJP Portable Milling Machine is designed to run on variable flow medium pressure hydraulic system. Speed and performance will depend on the system parameters. Then minimum recommended requirements are pressures between 70 bar and 155 bar and flow rates between 30 l/m and 60 l/m are the recommended minimum and maximum values.

Hydraulic Drive & Pneumatic Feed

Milling Machines with hydraulic cutter & pneumatic feed will require a single output pump capable of supplying 0-50lpm for the drive circuit. The pneumatic feed requires up to 50CFM @ 95PSI

Hydraulic Drive & Hydraulic Feed

Milling Machines with hydraulic cutter & hydraulic feed will require a dual output pump capable of supplying 0-10lpm for the feed circuit & 0-50lpm for the drive circuit. Alternatively, a portable control dual output control valve can be fitted to suitable hydraulic power unit.



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