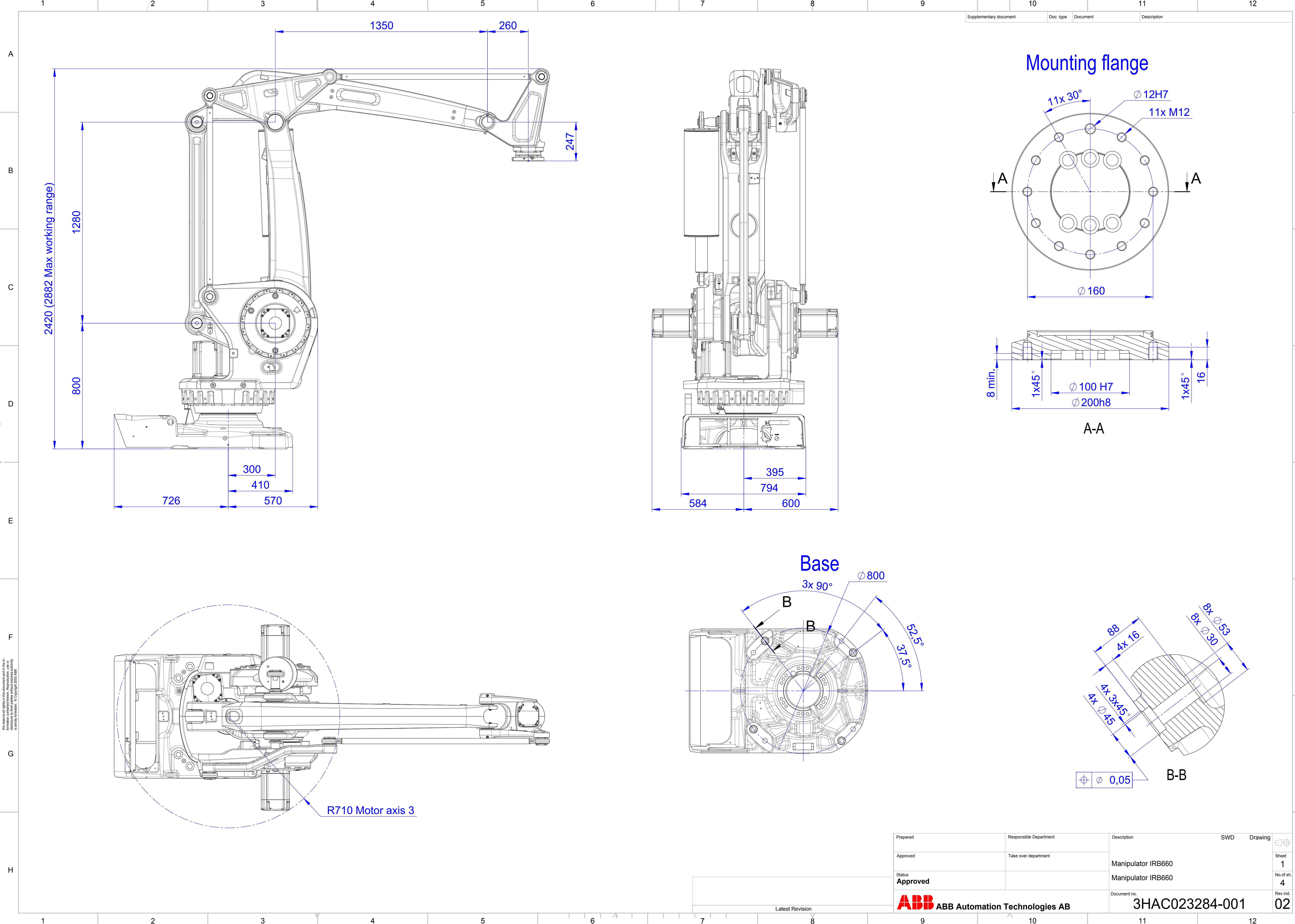
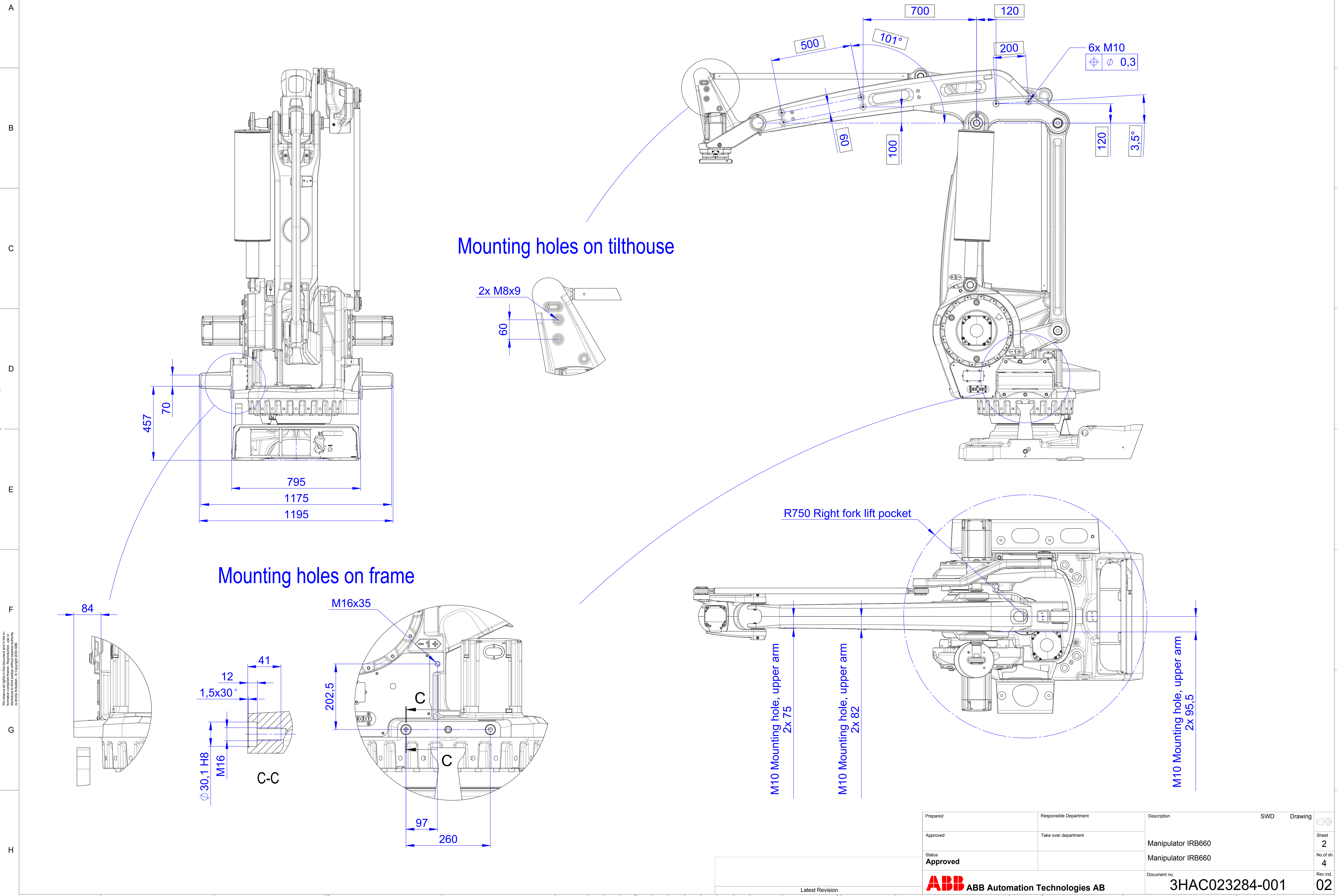


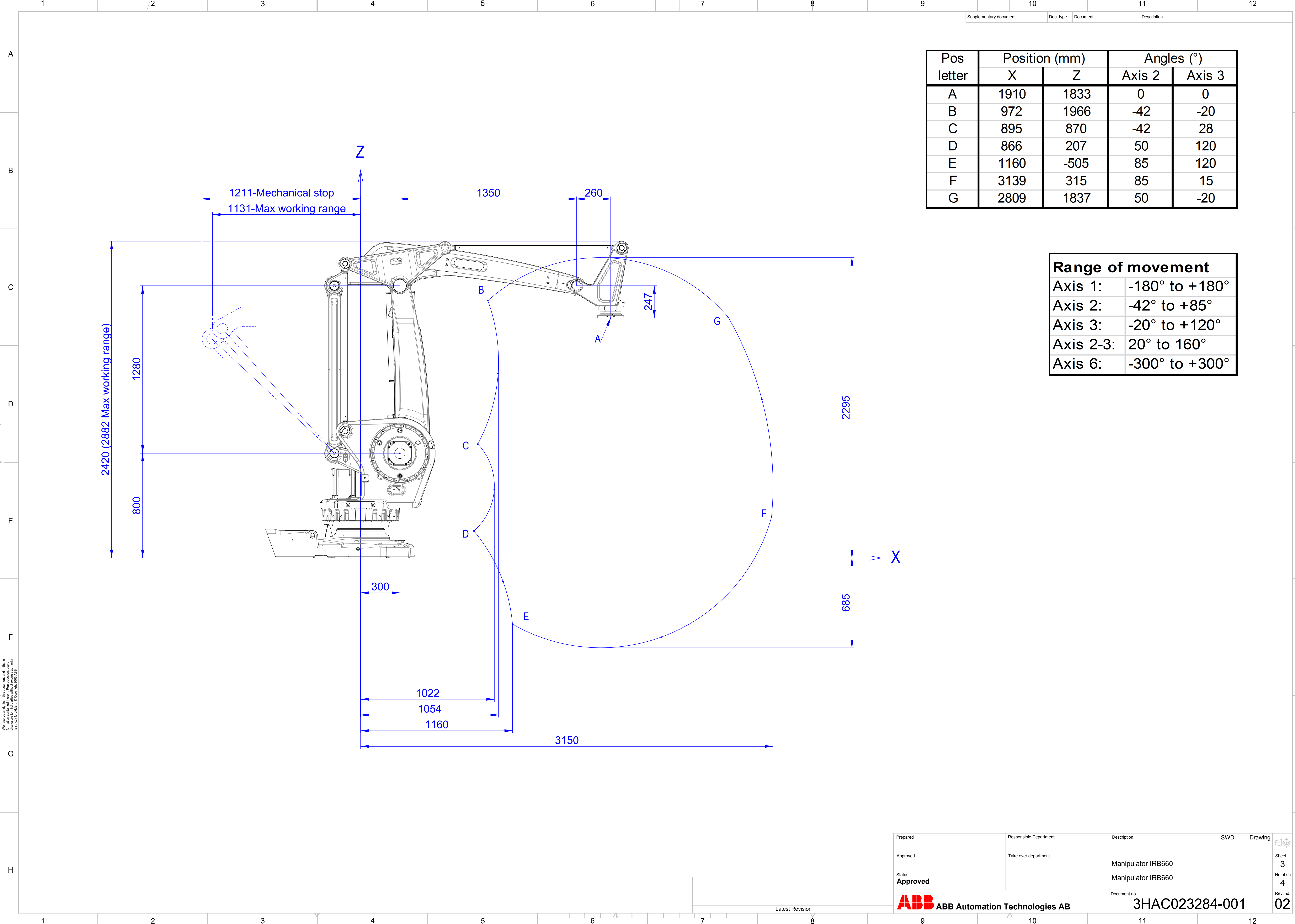


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Prepared	Responsible Department	Description	SWD	Drawing	Sheet 1 No of sh. 4 Rev.ind. 02
Approved	Take over department	Manipulator IRB660			
Status Approved		Manipulator IRB660			
Latest Revision		Document no. 3HAC023284-001			



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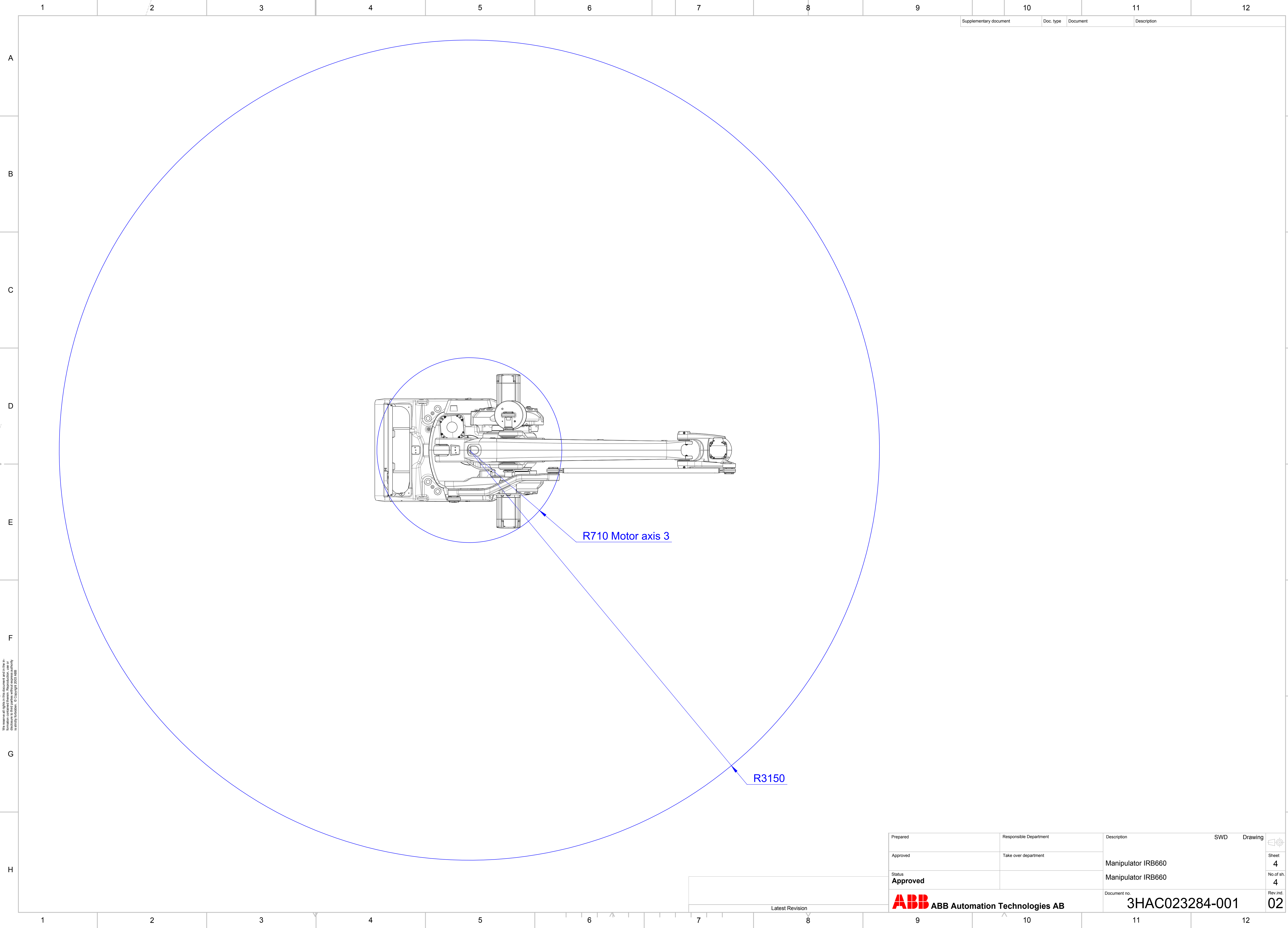


Pos letter	Position (mm)		Angles (°)	
	X	Z	Axis 2	Axis 3
A	1910	1833	0	0
B	972	1966	-42	-20
C	895	870	-42	28
D	866	207	50	120
E	1160	-505	85	120
F	3139	315	85	15
G	2809	1837	50	-20

Range of movement	
Axis 1:	-180° to +180°
Axis 2:	-42° to +85°
Axis 3:	-20° to +120°
Axis 2-3:	20° to 160°
Axis 6:	-300° to +300°

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Prepared	Responsible Department	Description	SWD	Drawing	
Approved	Take over department	Manipulator IRB660			Sheet 3
Status Approved					Manipulator IRB660
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Prepared	Responsible Department	Description	SWD	Drawing	
Approved	Take over department	Manipulator IRB660			Sheet 4
Status Approved		Manipulator IRB660			No of sh. 4
Document no.		3HAC023284-001			Rev.ind. 02

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