

**GX - 100  
SUPER**

**EMPOWERED  
INNOVATION**



**POLYGON  
SERIES**

ONE NUMBER - MULTI SOLUTIONS

FOR SALES INQUIRIES & CUSTOMER CARE

**7998-7998-16**

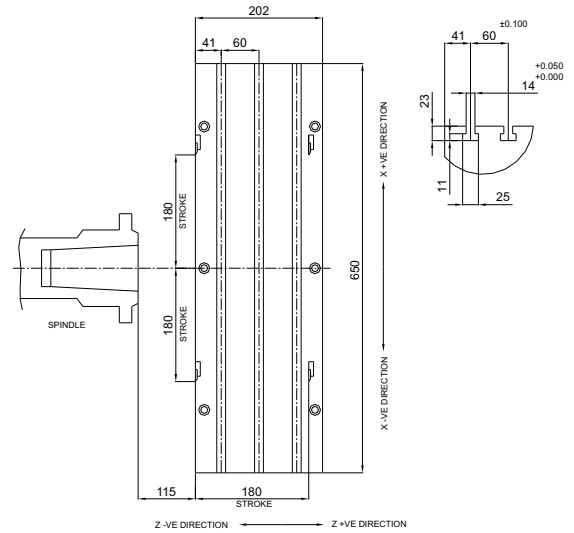


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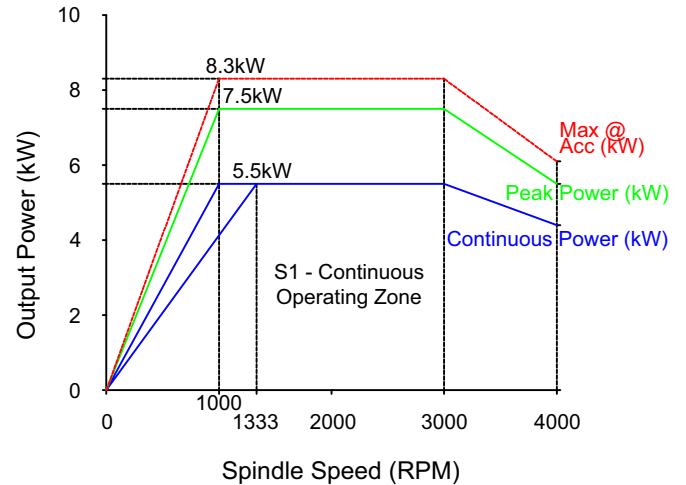
# GX 100 SUPER WITH POLYGON MACHINE CONFIGURATIONS

# Tool Interference Diagram

DESCRIPTION	UNIT	GX 100 SUPER
<b>CAPACITY</b>		
Standard Turning Dia.	mm	Ø 100
Maximum Turning Dia.*	mm	Ø 165
Swing Over Bed	mm	Ø 300
Maximum Turning Length	mm	180
<b>SLIDES</b>		
Cross (X axis) Travel	mm	360
Longitudinal (Z axis) Travel	mm	180
Rapid Feed (X axis)	m/min	24
Rapid Feed (Z axis)	m/min	24
<b>POLYGON</b>		
A / F Range	mm	20-50
Tool Spindle	KW	3.0
Tool Spindle RPM(Max)	min <sup>-1</sup>	3000
<b>MAIN SPINDLE</b>		
Spindle Nose	-	A2-5
Spindle Bore	mm	Ø 54
Max. Bar Capacity	mm	Ø 42
Chuck Size	mm	Ø 165 x 3 Jaw
Speed Range	rpm	50 – 4000
Full Power Range	rpm	1000 – 3000
Spindle Motor (Cont. Rating / 15min. Rating)	KW	5.5 / 7.5
<b>TOOLING ARRANGEMENT</b>		
No. of Tools	No.	5
Tool Size	mm	25 x 25
Max. Boring Bar Capacity	mm	Ø 32
<b>ACCURACY</b>		
Positioning Accuracy	mm	0.008
Repeatability	mm	0.007
<b>OTHER DATA</b>		
Weight (Approx.)	kg.	2500
Dimensions (W x D x H)(Approx.)	mm	2665x1590x1765
<b>SYSTEM</b>		
Mitsubishi	-	E80
Fanuc	-	OI TF PLUS
Siemens	-	828 D



# Power Diagram



\*Max Turning Dia is For Limited Length

# Components



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# FOR MORE INFORMATION PLEASE CONTACT

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Jamnagar	: 74860 42366
Surendranagar	: 74860 42366
Morbi	: 93777 87930
Bhavnagar	: 93777 87930
Ahmedabad	: 93775 87930
Sanand	: 93775 87930
Anand	: 93775 87930
Baroda	: 63560 02810
Halol	: 63560 02810
Surat	: 93753 87930
Vapi	: 93753 87930
Mumbai	: 93203 87930
Nasik	: 93713 87930
Aurangabad	: 93456 87930
Kolhapur	: 72858 55955
Pune	: 93210 87930
Ahmednagar	: 93210 87930

## NORTH ZONE

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Faridabad	: 74860 29853
Ghaziabad	: 72111 02820
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Haryana	: 89504 69265
Sonipat	: 89504 69265
Ludhiana	: 99886 93302
Mohali	: 99886 93302
Jaipur	: 72111 88869
Alwar	: 72111 88869
Jodhpur	: 72111 88869

## EAST ZONE

Kolkata	: 93758 45361
Jameshpur	: 93758 45361

## SOUTH ZONE

Hyderabad	: 72111 03869
Bangalore	: 72111 03869
Chennai	: 63560 02822

Belgaum	: 91641 02610
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Coimbatore	: 72111 02822
Trichy	: 72111 02822
Kerala	: 72111 02822

## CENTRAL ZONE

Indore	: 99747 97756
Bhopal	: 87706 96570