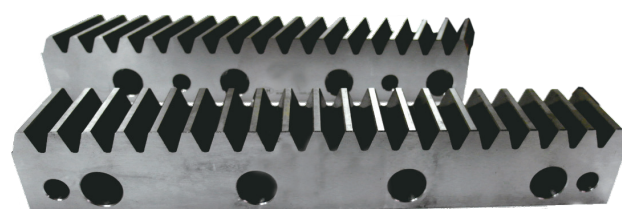


## Feature

- ★ Meehanite Class FC30 casting with high rigid and wear resistance guide way insure machine permanent accuracy.
- ★ Y axis (vertical travel) uses Ø50 ballscrew; X and Z axis Ø63 ballscrew provides high stability during grinding.
- ★ Enhanced rib & box structure design strengthen machine rigidity greatly. X, Y and Z Axis uses high precision roller linear guideway. Conventional covers protects the guideway from water, ensures the smooth movement and infeed accuracy, and also increase the life time of usage.
- ★ Customized diamond roller dressing attachment is installed on the side of the work table which provides fast and efficient dressing operation.
- ★ Twin-pump, high pressure motor, and temperature controlling device enhanced heat dissipation, which insures best workpiece accuracy.

## Main Processing Item

RACK



## Machine Structure



High rigid column  
(High rigid column design increase grinding stability)



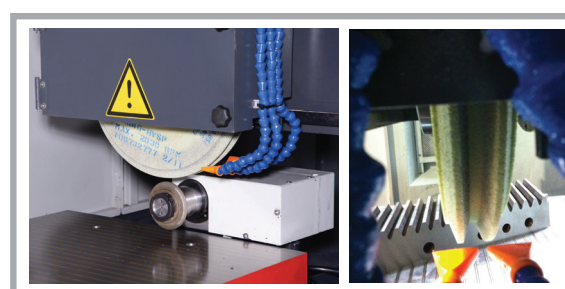
3 Axis use high rigid roller linear guide way provide accurate positioning and feeding Y axis and Z axis 45CA (block x 6) / X axis 55CA (block x 8)



High pressure pump provides big water flow capacity during grinding



The large spindle dia. 155mm supported by 6 high precision ball bearings with 10HP SIEMENS motor gives excellent performance in heavy duty grinding work.



Forming roller dresser provides quick trim and ensure accuracy of toothed



Lubrication oil chiller reduces thermal variations

## Control system

High production efficiency, operator can locate several racks in row and grind in the same time of the Z axis direction.  
The DSG series rack grinder is equipped with FANUC / MITSUBISHI control and provides multiple MACRO program for easy access and provide high production efficiency.



FANUC



SBS On line wheel balance system -Auto (OPT)

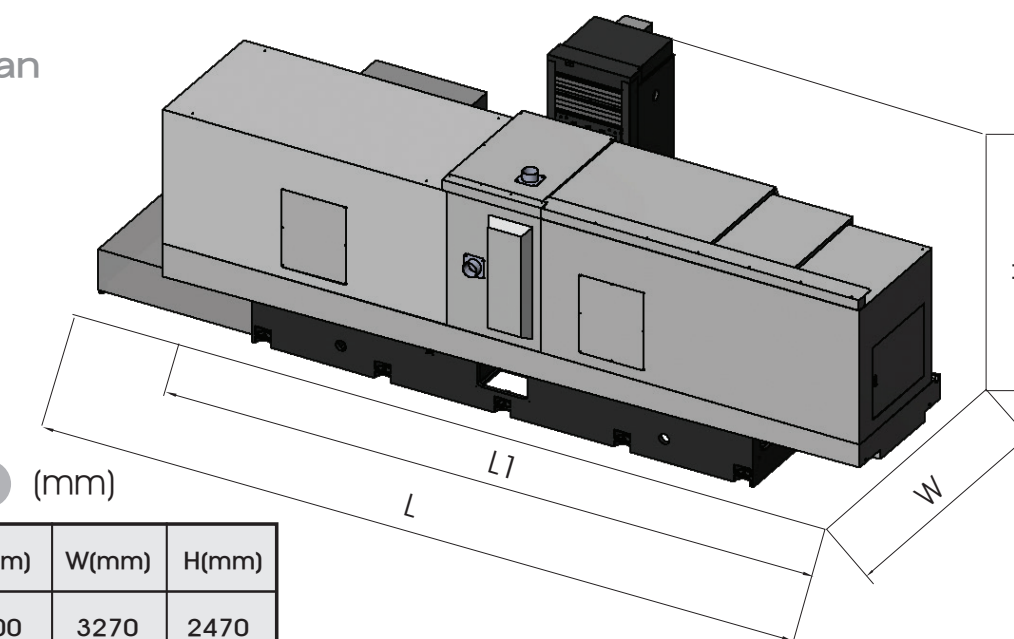


On line wheel balance system -manual



MITSUBISHI

## Floor Plan



Dimensional Drawings (mm)

MODEL	L1(mm)	L(mm)	W(mm)	H(mm)
DSG-2480R	6250	7000	3270	2470