



Curved rail guide in agriculture vehicle

We pioneer motion

SCHAEFFLER

Ergonomic solution for combine harvesters and tractors

Into the modern harvesters, the farmer has a complete control of all funtions using a touch screen interface. For this reason an adaptive, ergonomics and easier adjustable solution allow increase productivity and reduce tiredness.

The ergonomic solution

To satisfy this needs Schaeffler propose, as part of a strategic project for a “common cab” design for combines or tractors, a rail solution that follow the curve of the control panel.

The rail consists of a black anodized aluminum bar while the moving carriage contains a special friction brake to provide consistent rolling torque and is completely customizable.

Comfort and safety

Adjustable positions offer better overview of machine data and machine working area, increasing safety during machine operation. Moreover easy adjustable position with defined friction force, increase comfort and ergonomics and result easy to use.

Benefits

- Operator adjustable control panel
- Visually and ergonomic pleasing solution
- Follows the contour of the existing cab design
- Increasing safety during machine operation
- Solution withstanding rough environment
- Made out of standardized components

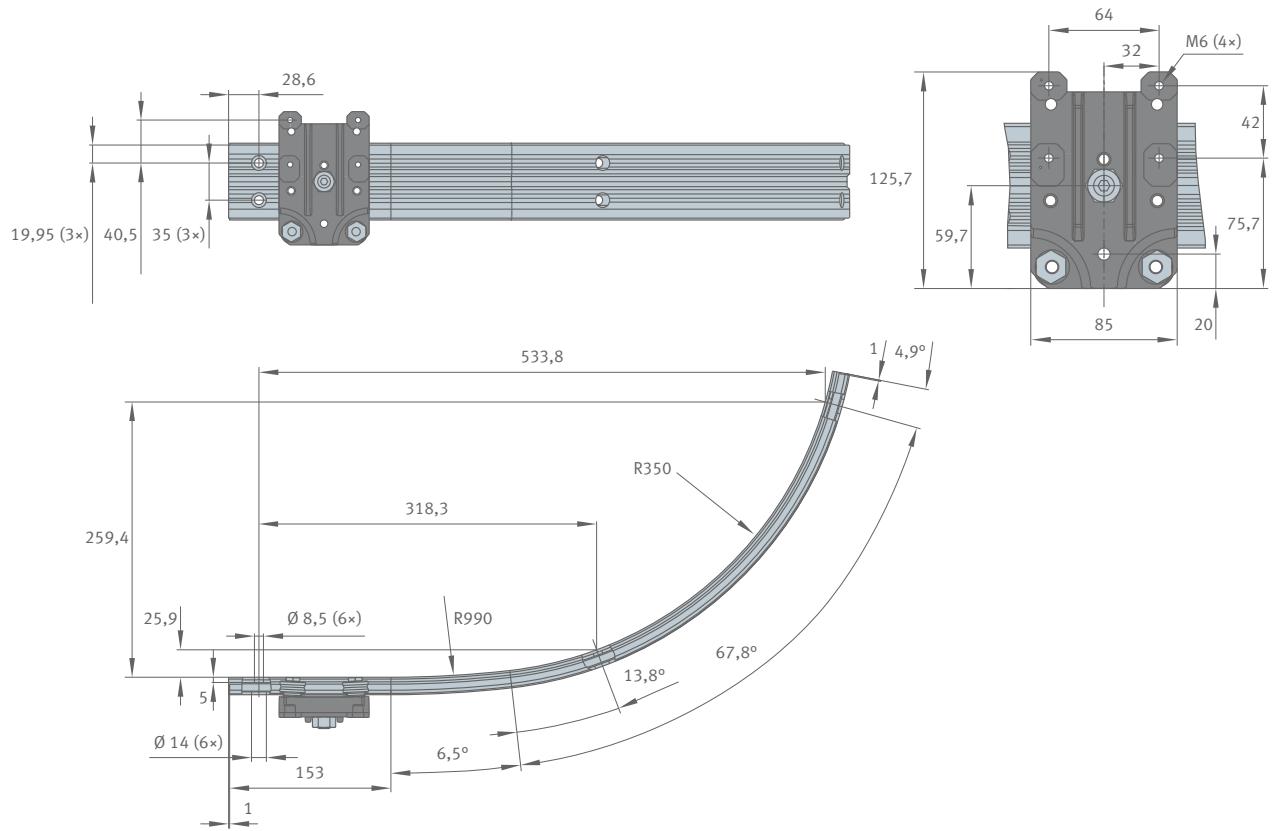


Application



Tractor seat

Dimensional drawing



Technical data

	Unit	Curved rail guide
Rail length	mm	to be determined by customer
Rail radius	°	to be determined by customer
Rail fixing points	–	3 points, with each 2 fixing screws or on request
Rail dimension in height	mm	72,4
Rail dimension in width	mm	16,5
Carriage dimension in height	mm	125,7
Carriage dimension in width	mm	85
System dimension in depth	mm	50
Rail and carriage color	–	black
Dynamic load carrying capacity	N	60
Miss use of system (y)	Nm	75
Friction force of carriages	N	40
Corrosion protected system	–	to be defined

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