

Press-Release

Modular slide assembly program integrates high rigidity for demanding applications in precision and quality



SUHNER has redesigned the entire precision slide program with an emphasis on product performance and cost benefits to the customer. Once again, SUHNER delivered on this promise with an impressive number of design improvements such as rigidity and compact design including a variety of optional slide assembly features and accessories.

The SUHNER feed slide program is based on a modular design concept and includes four basic slide sizes. Within the four size classes there are a number of different stroke lengths (see table 1) and up to four different feed options such as:

- pneumatic feed with external hydraulic brake cylinder, with or without peck-feed function
- pneumatic feed with integrated brake cylinder which allows feed control over the entire stroke length
- Hydraulic for higher feed forces
- CNC-controlled, servo-motor and pre-loaded nut & ball screw



	UA15	UA35	UA100	UA200
Stroke	150 mm 300 mm	160 mm 320 mm 480 mm	320 mm 400 mm 500 mm	400 mm 630 mm

Table 1: Standard stroke length

While SUHNER slide assemblies come with a number of standard features, there are additional options such as central lubrication for right or left hand slide lubrication, cam rail and switch assembly including telescopic or bellow type way covers. This standard program is adaptable anytime when project



specific requirements change, for example:
Stroke length or a different kind of feed and many more.

Is it advantageous to design and build your own feed system?

With the SUHNER customer advantage in mind, this question can be answered with an easy „NO thank you“ Built on simplicity, standardized and modular feed slide components SUHNER slides assemblies can be delivered in a very short delivery time. Spare parts availability is guranteed for 10 years which can put your maintenance team at ease. In addition, the creation of a certified operating manual can be avoided. It comes along with the the product delivery and it includes additional resources for technical and manufacturing support.

Two rails, four pre-loaded bearing blocks and a robust ball screw are nested inside a low profile base and saddle design, made to withstand the toughest test in manufacturing over many years without compromising in quality and performance.

The feed slides are designed based on a modular system and are tailored for the application of the SUHNER spindle program, an ideal combination for many different drilling and milling operations.

Further information

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