

WME 2 - WME 3 Moment Weighing Scale for Rotor Blades



- Solid Construction
- Less space required
- High accuracy
- Measurement of weight and moment
- Inexpensive blade adapter
- Compatible with BLADIS Net

Range of application

The latest generation of moment weighing scales – the WME series – enables the blades to be even more precisely weighed and distributed on the rotor via the BLADIS Net software. The WME series moment weighing scales precisely determine the mass and the exact centre of gravity. The reduction in unbalance through weighing is ideally suited for all new bladed rotors and also following rotor repair. Thanks to the blades being positioned centrally above the measuring device, the space required for the WME series is significantly reduced. The measuring unit is mounted on a beam directly on the scale, which enables a simple, space-saving installation.

BLADIS Net – the software for blade distribution features a simple and easy to operate user interface with touch screen. The blade distribution is based on continuously improved algorithms that are coordinated with the scale's enhanced possibilities. The new, integrated database concept also enables rapid calculation of the distribution and transfer of the data to other applications. Numerous additional functions simplify working with BLADIS Net and offer a comfortable and user-friendly operation.

Special features

- The machine can be mounted directly on the workshop floor without foundations and without bolting, and is immediately ready for use.
- 50% reduced space required
- Easy to set up
- Inexpensive blade adapters
- Distribution system BLADIS NET with touch screen operation

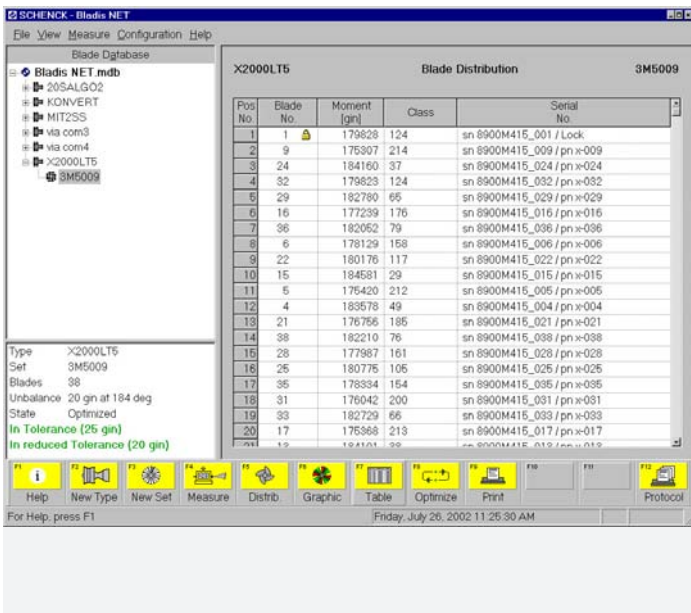
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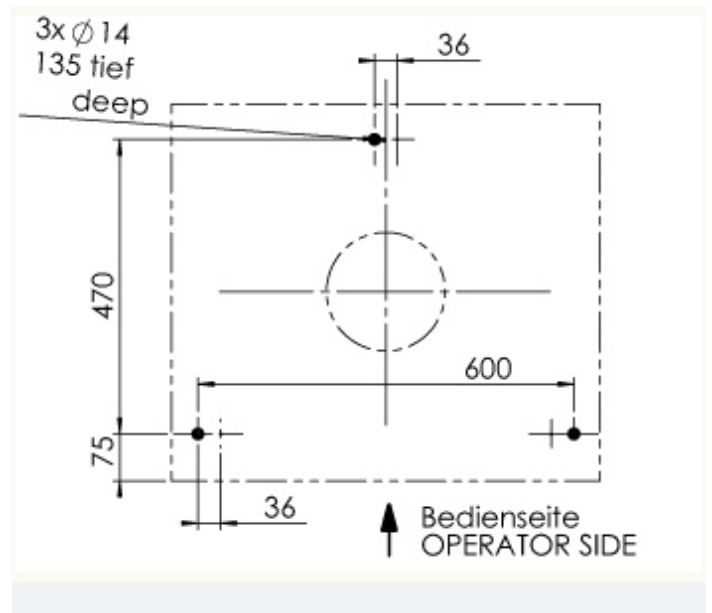
Simple and precise blade adapter



Pre-distribution of engine blades



Integrated database in BLADIS NET distribution system



WME 2 - WME 3

Moment Weighing Scale for Rotor Blades

Technical Data		WME2	WME3
Measuring Unit		Digital	Digital
Blades			
Max. blade weight	[kg]	40	140
Max. additional mass of blade adapter	[kg]	20	60
Max. blade moment	[kgm]	unlimited	unlimited
Machine			
Measuring time	[s]	2-5	2-5
Overload protection		5x max. load	5x max. load
weighing accuracy	[g]	0.1	0.5
Accuracy of internal unbalance measurement	[gmm]	20	100
Accuracy of the measured blade moment	[gmm]	1)	2)
Power supply	[V]	230	230
Options			
Blade distribution software		BLADIS Net	BLADIS Net