

**JOINT SIMULATOR BENCH AD**

The Joint Simulator Bench AD provides maximum tool evaluation flexibility. DC electric, clutch, impulse and battery tools as well as torque wrenches can be evaluated.

The hydraulic brakes simulate the behaviour of a real joint, reproducing the stiffness from hard to soft.

This allows the tool to be tested in accordance with VDI/VDE 2647. Machine capability (Cm, Cmk) can be tested quickly and easily under real shop floor conditions without the need to run tests on the product on the line that would interfere with production.

- Large LCD touch screen, intuitive and easy to use.
- Efficient hydraulic pump fills the pressure accumulator in just 15 seconds reducing battery drain.
- Connector panel manages all operator connections such as external in-line torque transducers, printers, Ethernet, USB and serial.



Model	Hydraulic brakes, range		SRTT-B transducers range		ISO rig	Ordering No.
	Nm	lb ft	Nm	lb ft		
<b>Mobile benches</b>						
JSB AD 250	2-10	1.6-185	50-250	37-184	–	8059 0962 00
	10-50	7.4-36				
	50-250	37-184				
JSB AD 250 ISO	2-10	1.6-185	50-250	37-184	yes	8059 0962 30
	10-50	7.4-36				
	50-250	37-184				
JSB AD 500 ISO	2-10	1.6-185	50-250	37-184	yes	8059 0962 35
	10-50	7.4-36				
	50-250	37-184	100-500	74-368		
	100-500	74-368				
JSB AD 1000 ISO	2-10	1.6-185	50-250	37-184	yes	8059 0962 40
	50-250	37-184				
	100-500	74-368	200-1000	148-737		
	200-1000	148-737				
JSB AD 2000 ISO	2-10	1.6-185	50-250	37-184	yes	8059 0962 50
	10-50	7.4-36				
	50-250	37-184	200-1000	148-737		
	400-2000	295-1475				

**Dimensions****JSB AD**

Model	L mm	W mm	H mm
JSB AD 250	1164	546	940
JSB AD 250 ISO	1346	707	940
JSB AD 500 ISO	1566	767	940
JSB AD 1000 ISO	1566	767	940
JSB AD 2000 ISO	1566	767	940

**ATLAS COPCO STATIC TRANSDUCER BENCH**

The Atlas Copco Static Transducer Bench is a mobile bench as it is equipped by a battery pack that makes possible to operate for up to 16 hours without to be connected to the power supply plug.

On the top plate of the bench there are several static torque transducers. The static torque transducers are the new SRTT-B.

The New SRTT-B is equipped by the new patented system to hold the mechanical Test Joint. The mechanical Test Joint is to test direct driven tool or shut off pulse tools.

The SRTT-B has a special bearing on the shaft to absorb and eliminate the axial force during the test, this is to have the best possible accuracy during the test.

By using a special included adapter on the SRTT-B it is possible to test the click wrenches, wrenches and non shut off pulse tools.



Model	SRTT-B range		Spindle fixture ISO rig	Dimensions holder	Ordering No.
	Nm	lb ft			
STB AD 500	10-500	8-365	yes	no	8059 0961 00
STB AD 1000	10-1000	8-735	yes	no	8059 0961 50
STB AD 2000	10-2000	8-1470	yes	no	8059 0961 75

**Dimensions****STB AD**

Model	L mm	W mm	H mm
STB AD 500	1346	707	940
STB AD 1000	1346	707	940
STB AD 2000	1346	767	940

**JOINT SIMULATOR BENCH 3840**

JSB 3840 is an ergonomic solution, which provides in a single mobile unit, all necessary equipment needed for measuring, such as all transducers, adapters, cables, reaction bar, battery and an industrial PC. The alternative is to carry and connect/disconnect constantly all these equipment together, so the JSB 3840 represents a cost effective & ergonomic solution.

JSB 3840 includes:

- A 12" touch screen color display, and heavy duty industrial PC.
- Port: RS232 for printing certificates, USB for RBU automatic back-up function and Ethernet for server option.
- Slim frame of 40 cm wide, to easily move across narrow production lines.
- 16 hours of battery life & embedded battery charger, to be used in 2 shift.
- 1 set of accessories adapter, located in a lock drawer, to allow the tool connection
- 1 reaction bar & adapted accessories, to ensure a safety measurement for the operator.
- Torque Supervisor software, with up to 2000 tools Database, Easy SPC analysis, Cm/Cmk graphs and certificates plus excel export.



Model	Hydraulic brakes, range		SRTT-B transducers range		Ordering No.
	Nm	lb ft	Nm	lb ft	
JSB 3840	5-85	3.69-62.69	25-250	18.44-184.4	8059 0967 10
JSB 3840	25-250	18.44-184.4	50-500	36.88-368.8	8059 0967 20

## Dimensions

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**JSB 3840**

Model	L mm	W mm	H mm
JSB 3840	1034	416	935
JSB 3840	1034	416	935