Servicing trolley for Flaps and Thrust Reversers

>SFTR1<

The equipment is developed to provide a controled movement of Flap and Thrust Reverser Actuators during servicing and adjustment in accordance with the ATA chapter 29.

It is used in the civil aviation field for AIRBUS and BOEING aircraft.

It can be adapted for use on other aircraft types.

The equipment is fitted with:

- An Axial Piston pump which enables the maximum flow of 15 l/min to be quickly achieved.
- An Air Cooled Heat Exchanger is used for cooling of the hydraulic oil in the <SFTR1>.
- Temperature is controlled by a cut off thermostat.
- Simple manual regulation of maximum pressure and flow.
- Needle valves for hose pressure relief.
- Oil Level Float Switch to monitor oil level and to indicate a minimum oil level.

GENERAL INFORMATION

> A compact design ensures easy transportation and fixed and steerable castors are provided for manoeuvrability during use.

> Stainless steel framework protects against Skydrol and corrosion.

TECHNICAL DATA

> Current supply:

Power:	approx. 7.5 kW
Voltage:	3/N/PE AC 50 Hz 400 V
Supply cable:	10 m long (33 ft)

> Performance data:

Pressure:	max. 230 bar (3336 psi)
Axial piston pump:	max. 15 l/min at 230 bar (max. 4 USgpm at 3336 psi)
Reservoir capacity:	140 l (37 USgal)

> Medium:

Skydrol 500 B4

> Output hoses:

2-off:	each 6 m (19.7 ft)

> Measurement range:

Pressure:	0 - 400 bar ± 1 % o.f.s.	(0 - 5800 psi)

> Operation conditions:

Ambient temperature	+5 to +35 °C (+41 to +95 °F)
Storage temperature:	0 to +60 °C (+32 to +140 °F)
Humidity:	10 - 95 % rel. humidity
Altitude:	up to 1000 m above SL (up to 3280 ft above SL)
Protection class:	IP55

> Dimensions and weight

Length:	1000 mm	(3.3 ft)
Width:	900 mm	(3.0 ft)
Height:	1210 mm	(4.0 ft)
Weight:	300 kg	(660 lb)

OPTIONS

A wide range of options is available to fulfil our customers´ requirements.
e.g.: Adaption for different aircraft types, etc.

Technical data are subject to change!