

Hydrau**vision**



HydrauPack 45E Ex Zone 1

Technical Specification

ATEX marked	: CE Ex II 2G IIB T4
Max. working pressure	: 310 bar
Max. output flow	: 130 liter/min. @ 50 Hz : 155 liter/min. @ 60 Hz
Electric motor power	: 45 kW @ 400VAC (50Hz) : 53 kW @ 440VAC (60Hz)
Operational temperature	: -15.. 50 °C
Overall length	: 1500 mm
Overall width	: 1250 mm
Overall height	: 1600 mm
Total weight excl. / incl. oil	: Est. 1900 kg / 2250 kg
Hydraulic oil tank capacity	: 380 liter
Power supply nominal	: 400 VAC (50Hz)-125A (3P +E) : 440 VAC (60Hz)-125A (3P +E)
Hydraulic connections:	
- Pressure	: 30S
- Return	: 42L
- Drain	: 28L
- Load sense	: 12S
- Flush	: 16S

Benefits

Following hydraulic controls and systems are possible:

- Open circuit.
- Pressure control.
- Load sensing control, with external connection.
- Horse power compensation.
- Flushing connection for separate low pressure flushing.

Integrated hydraulic oil circulation cooler.
Emergency stop circuit.

Scope of Supply

Included:

- Power connector on unit: type Amphenol Starline Ex-17-1-C20-40PR-FT
- Controller settings to customers specifications.
- Certified rigging.
- User manual.

Excluded:

- Hydraulic hoses.
- Electric power connection cable.
- Transport and installation.
- Remote control with cable.

Above mentioned items can be included on request.

All performance data and specifications mentioned in this document are guidelines. Due to operational and environmental influences performance data may vary. All products are subject to continuous review. Hydrauvision reserves the right to change specification without prior notice.

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Stackable electric-driven Hydraulic Power Unit with a main power of 45 kW @ 400VAC-50Hz or 53kW @ 440VAC-60Hz.

Equipment intended for use in potentially explosive atmospheres (ATEX).
Certified acc. European Directive 94/9/EC ATEX and marked with CE Ex II 2G IIB T4. Suitable for use in Zone 1.

The HydrauPack 45E Ex can be combined with one or more other HydrauPack 45E Ex units in order to obtain a higher output flow, or with a HydrauSupport 1000T to obtain a higher oil tank volume.

As an option the unit can be started and stopped with a wired remote control. The remote control has an emergency button to stop the engine.

The HydrauPack 45E Ex is provided Offshore-certified rigging (according to DNV 2.7-1) and integrated forklift-trays to ensure easy handling.

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