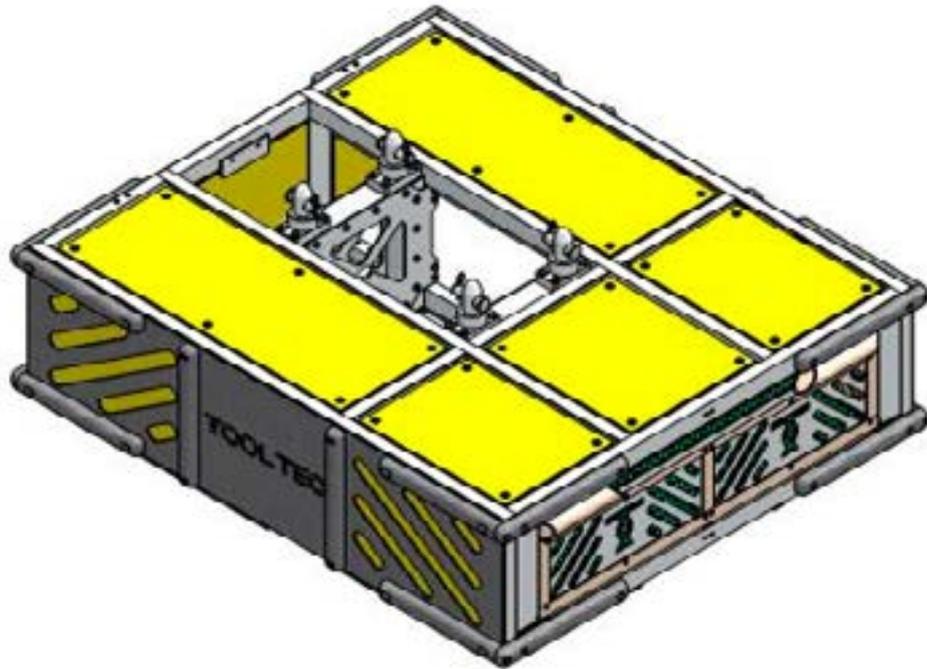


Isolated Hydraulic Power Unit (IHPU) Skid



Tool Tec's IHPU Skid is ideal for many applications and can be fitted directly to most WROVs utilising the 4-point mounting arrangement.

The skid's integrated Hydraulic Power Unit (HPU) generates hydraulic power to operate ROV subsea tooling utilising an internal oil reservoir which is independent of the ROV's main hydraulic system. The system provides the choice of a "High Flow" output of 100 LPM or a "Low Flow" output of 30LPM which runs an integrated valve pack, providing 6 individual functions (2 x proportional and 4 x bi-directional).

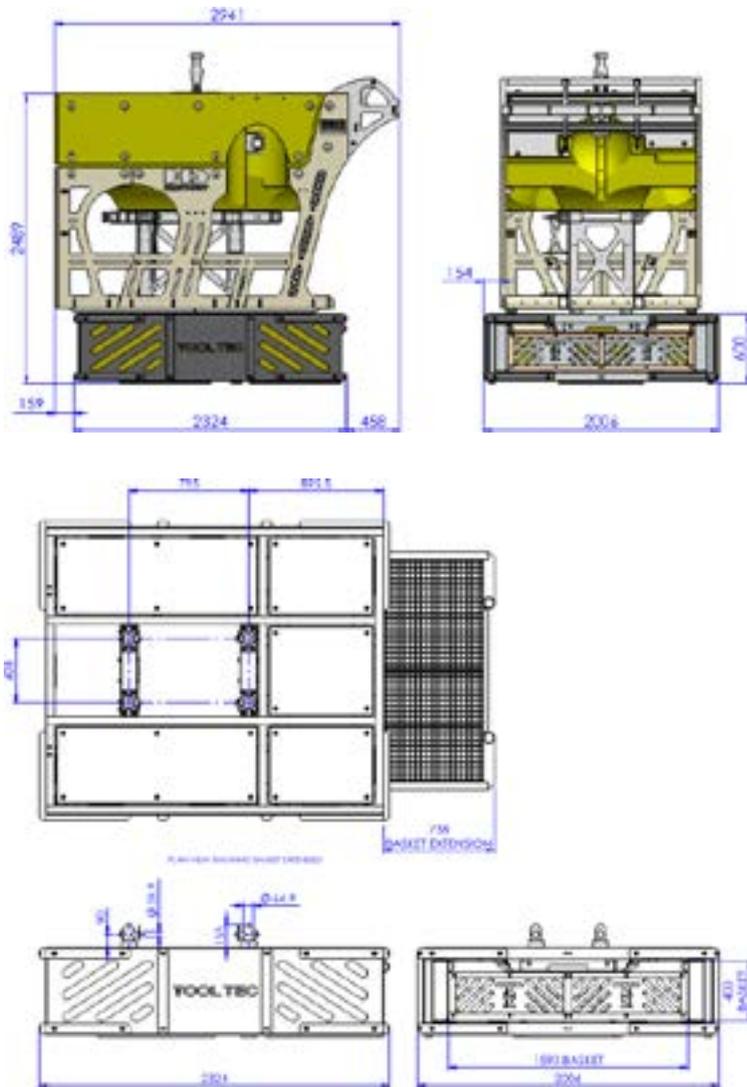
The Skid's HPU is powered by the main pump on the host ROV, and its operation is controlled via pilot signals from the ROV. The onboard reservoirs within the skid contain oil, which is independent of the host ROV's main system, ensuring that any unintentional oil contamination does not affect the host ROV. It comes fitted with a full width, hydraulically actuated basket which can be used for storing manipulator deployed tools.

Specifications

Product	Isolated Hydraulic Power Unit (IHPU) Skid
Country of origin	UK
Manufacturer	Tool Tec Ltd.

Key points

- Compressive & tensile load tested aluminium framework.
- Configurable core / ROV interface to allow integration to most WROVs (Schilling HD shown).
- Wide, hydraulically actuated tool basket.
- Integrated 6 station intelligent valve pack.
- 2 x 16 L Kyst compensators.
- ISO VG 22/32 hydraulic mineral oil.



Specifications

Weight in air	~700 kg
Weight in water Depth rating	~100 kg
Pump low output	30 LPM (input 45 LPM)
Pump high output	100 LPM (input 145 LPM)
Depth rating	3 000 msw buoyancy