



UNITY PRECISION ENGINEERING SDN BHD

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Precision Machining and Manufacturer of Oil and Gas Components



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www.pantech-group.com



A Pantech Group subsidiary



ABOUT US

Unity Precision Engineering Sdn. Bhd. is an ISO 9001:2015 certified company providing metal precision machining, engineering and turnkey solutions for the oil and gas (O&G) and other industries.

A technically sound and dedicated team can advise on the necessary requirements as well as provide complementary technical support and services to meet project objectives.

Located in Ulu Tiram, Johor, UPE is a wholly-owned subsidiary of Main Market-listed Pantech Group Holdings Berhad

OUR VISION

To be the preeminent leader in the provision of Precision Machining Components, Engineering and Turnkey Solutions.

OUR MISSION

To become an engineering hub that provides premium services for all customers that require our expertise through continuous quality improvements and processes in a cost effective and timely manner.

IN-HOUSE FACILITIES



**Deep Hole Drilling
Deep Hole Boring**

Ø31.75mm to Ø154mm,
Drill length up to 3000mm



Deep Hole Honing

Ø30.00mm to Ø300.00mm,
Hone length up to 3000mm.
Surface finish up to 0.2Ra



CNC Turning

Chuck size up to 533mm &
Length up to 2000mm

CNC Milling

Effective bed size of
X2100mm, Y1200mm,
Z800mm

CNC Wire Cut

Effective bed size of
X600mm, Y350mm, Z300mm
& accuracy up to
0.0005mm(0.05µm)

QC EQUIPMENT

- Co-ordinate Measuring Machine (CMM)
- Video Measurement System (VMS)
- Profile Projector (Shadowgraph)
- Surface Roughness Tester
- Surface Roughness Comparator
- MIC TRAC and Accessories
- Hardness Tester
- Thread Ring Gauge
- Gagemaker Thread Data
- Bore Gauge
- Calipers





DEEP HOLE DRILLING MACHINE

Our Deep Hole Drilling/ Boring machine delivers quick and precise high aspect ratio hole drilling.



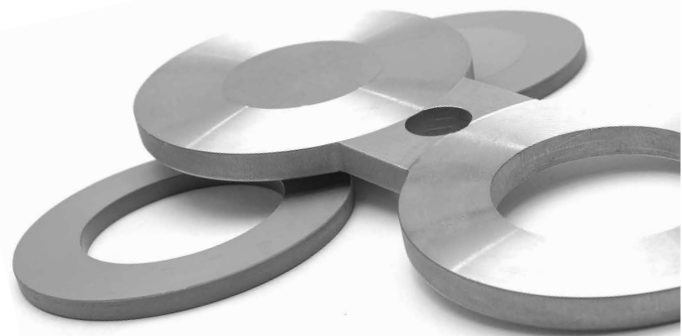
HONING MACHINE

Our newly acquired Honing machine delivers exceptional accuracy, dimensional control and an impeccable surface finish.



OUR SPECIALISED PRODUCTS

- Oil and Gas Precision Parts (upstream & downstream)
- Fittings & Flanges
- Other Engineering Parts & Services



OUR CLIENTS

- Halliburton
- Baker Hughes
- Hunting
- CDI Energy Products
- NOV Inc. (National Oil Well Co.)
- TechnipFMC
- Weatherford International