

# AMP

***Oilfield Equipment  
Threading and  
Machining Service***

# Company

**OMPA** is a qualified Oilfield Machine Shop with over 40 years experience in Manufacturing of Custom Designed Equipment, Threading Service and Precision Machining Service. It operates on a total area of 12.000 sqm, with 3 main buildings (4.500 sqm covered), and with a workforce of 40 employees.

OMPA holds the main Quality Standard Certifications, such as API Q1 and ISO 9001:2015, and is authorized to use API 5CT, API 6A and API 7.1 Monograms.

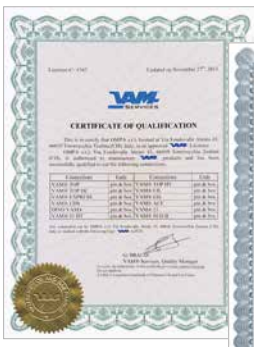
Products and Services are provided for any Oil & Gas sector and application, including Rig Equipment, Well Construction, Completion, Production and Intervention. Manufacturing capability ranges up to large diameters and long products, and production is usually ran in small-medium lots.

Company's distinctive characteristics are top quality service, highly flexible production, vast machinery fleet, long experience and engineering support.

Main Customers are: Eni, Total, Edison, EniMed, Weatherford, Schlumberger, Halliburton, Baker, Tenaris, Saipem, Drillmec.



# Certifications and Licenses



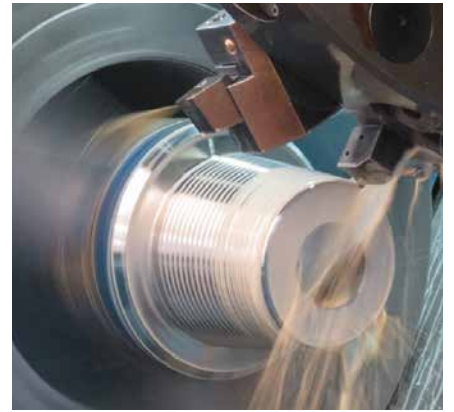
## Precision Machining

Machining Services offered by OMPA include Turning, Milling and Deep Boring.

Turning department counts more than 20 CNC lathes, able to machine OD up to 1520 mm (N° 4 lathes w/350-640mm sp. bore; N° 5 lathes w/160-280mm sp. bore; N° 11 lathes w/50-150mm sp. Bore and N° 6 Centre lathes up to 560mm OD).

Four axis CNC's and traditional Boring/Milling Machines are part of our Milling Department able to work items up to 4400 x 1200 x 1000 mm and tubulars 43' (13 meters) long.

Company Deep Boring capability goes up to 250mm diameter and 3 meters depth. Deep Boring and Coring operations are regularly performed on any API grades, as well as on high alloys material, such as Super 13Cr or Inconel.



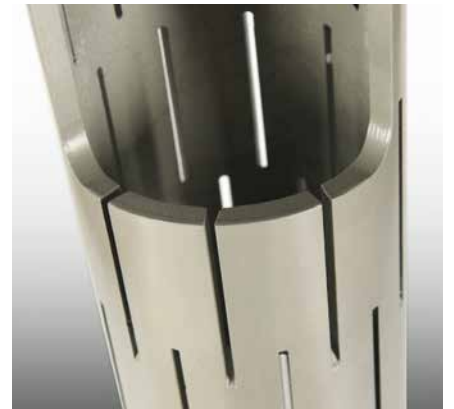
## Slotting & Perforating Service

Slotted Liners and Perforated Joints are routinely manufactured on Range 3 tubing/pipes and up to 11 3/4" OD, with slots width starting from 1,5 mm.

Slotting and Perforating service is executed on a specially equipped and robust 4 axis milling machine outfitted with 16 synco-spindles and typically carried out on customer free issue material.

Slots are machined by using round cutting mill and all joints are internally de-burred with the aid of a dedicated brushing machine.

Slotting and Perforating Service always include full length Drift Test, Trace-ability Marking, surface Varnishing, end connection Cleaning, Dope application and Thread Protectors installation.



## Quality Control

Quality Control is routinely performed on 100% of the production by internal qualified staff and by using high precision instruments.

Non-Destructive Tests like MPI (Magnetic Particle Inspections) and DP (Dye Penetrant) are also performed on each single product by level II, SNT-TC-1A certified inspectors.

Inspection of threaded connections is carried out with proper equipment such as Thread Gauges, MRP's, Profile Projectors, computerized Contour Measuring instrument, etc.

OMPA is also equipped to calibrate in house most of its instruments by using the high precision calibration module "MIC-TRAC".



## Support Service

The multi-year experience and the vast competence of the personnel represents one of the main Company strength which is daily offered to OMPA valued Customers.

### Support Services offered by OMPA include:

- Engineering Design
- Inspection and Testing
- Specialty Maintenance & Refurbishment
- Welding
- Thermal Arc Spray coating

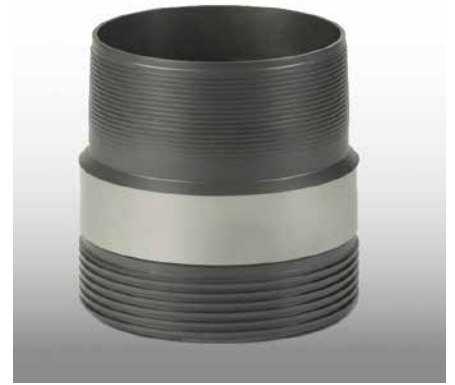


## API 5CT Products

Equipment is provided in customized configuration and manufactured either in standard or special alloys, such as API grades, Super 13 Cr, Duplex, Inconel, etc.

### Typical items include:

- Pup joints
- Blast Joints
- Flow Couplings
- Blank Pipes
- Casing/Tubing Subs
- Circulating Heads
- Milled Blade Centralizers
- Casing/Tubing Drifts
- Crossovers
- Wire Line Entry Guide
- Bull Plugs
- 3 Way Subs
- Injection Subs
- Protection Sleeves
- PBR's
- Locator Subs
- Pulling Tools
- Retrieving Tools
- Completion Tool



## API 6A Products

All products are subject to 100% inspection, including NDT (MPI-DP) and are provided with proper external surface treatments like Phosphate Coating and/or Paint. All threaded connections and RJ grooves are provided with rele-vant Protectors. CE Mark and PED may also be provided upon request.

### Typical items include:

- Flanges / Adapter Flanges
- Segmented Adap. Flanges
- Spacer Spools
- Block Crosses and Tees
- DSA
- Spacer Spools
- Tbg/Csg Heads
- Tbg/Csg Hanger
- Shooting Nipples
- Flow Line Pipes
- Riser Spools
- W/L Lubricators



## API 7.1 Products

Equipment are manufactured either in standard or high strength alloys, including Non-Mag materials. Cold Rolling is performed on premium connec-tions and on standaard API threads as optional. Break-In on connections and Specific Load Test may also be provided upon request.

### Support Services offered by OMPA include:

- Bit Subs
- Cross Over Subs
- Float Subs
- Saver Subs
- Centralizer Subs
- Pup Joints
- Circulating Swage
- Lifting Subs
- Lifting Plugs
- Clamps
- Pony Collars
- Reverse Circulation DP
- Milled Blade Stabilizers
- Milling Tool Bodies
- Stingers



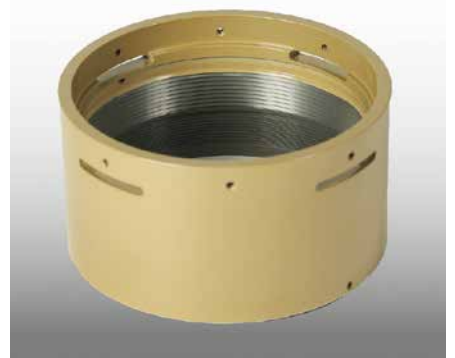
## Components and Parts

A wide range of Oil & Gas equipment and components are manufactured in accordance with specific Customer requirements and International Specs and are integral part of our company business.

Each part is manufactured in accordance with company Quality System and is always released with full traceability marking.

Quality Certification Package always accompany the goods and include Certificate of Conformity, Material Certificate and NDT Report at least.

Dedicated Quality Plans, Third Party Inspections and other customer requirements will be accommodated for any equipment upon request.



## Threading Service

Threading service includes all API connections, as well as many Premium connections licensed by TenarisHydril / Vallourec / Hunting / NOV-Grant Prideco / Atlas Bradford and ENI.

Threading capability goes up to 24 1/2" OD and CNC lathes are equipped with large spindle bore (up to 25"), and dedicated pipe loaders able to process Range 3 tubulars.

Threaded Connections are machined on Customer proprietary parts in full accordance with API or OEM licensor Specs. and are subject to 100% inspection, including Gauging and NDT (MPI-DP).

All threads are provided with proper external surface treatments like Phosphate Coating, Abrasive Blasting, Copper Plating, Cold Rolling, and complete of related Thread Protectors.

Each connection is properly marked to ensure full identification and 100% traceability.



## Threaded Connections



Blue™	PJD™ (tubing)
ER™	CS®
MS™	CS®-CB
MS™ SR	PH4™
MS XT/XC™	PH4™-CB
MS28™	PH6™
MS28 XT/XC™	PH6™ -CB



SEAL - LOCK APEX  
SEAL - LOCK BOSS  
SEAL - LOCK HC/GS  
SEAL - LOCK HT



ST-L™



VAM® 21	DINO VAM®
VAM® 21 HT	VAM® FJL
VAM® TOP	VAM® ACE
VAM® TOP HT	VAM® EIS
VAM® TOP HC	VAM® EXPRESS
VAM® SLIJ-II	VAM® CDS

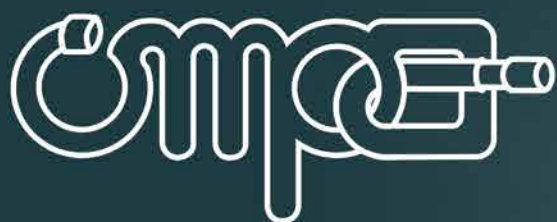


GPDS™	HT™	XT™
XT-F™	XT-M™	uXT™
uGPDS™	TT™	



LTC - STC - BTC  
EU - NU - LP - NPT  
NC - IF  
FH - H90 - REG

Acme - Stub Acme  
Hammer Union  
Quick Union



***ompait.com***



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ISO 9001



5CT - 0479  
6A - 0515  
7-1 - 0326