

# Corpro Core Barrels

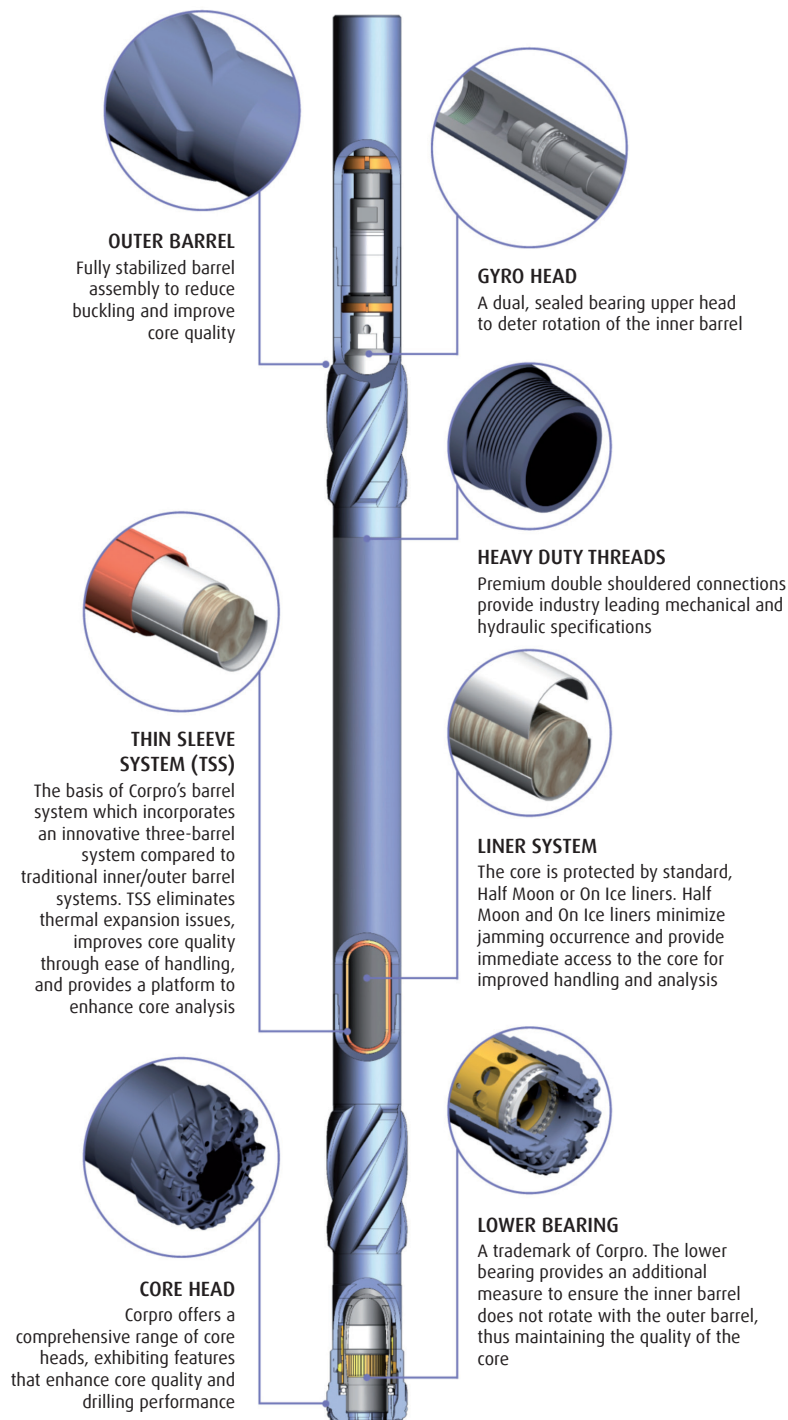
## Advanced Core Barrel Technology

Coring companies have been operating with predominantly the same technology for over 40 years. Corpro identified this and seized the opportunity to develop a pioneering new coring system. This new innovative coring system, utilizing improved materials technology, has set and maintained benchmark standards for coring in the petroleum industry.

The Corpro coring concept has been specifically designed to enable the retrieval of longer, higher quality cores. The new system features four primary benefits:

- faster rates of penetration
- less incidence of core jamming
- increased reliability
- improved core quality

Corpro believes that correct stabilization is one of the most important factors governing a successful coring operation. Without the outer barrel properly stabilized, bending within the well bore is imminent. Corpro researched the positioning of its stabilizers and determined that optimal stabilization could be achieved using core barrels in 20 ft stabilized sections. For high angle and horizontal holes, a stabilizer can be placed midway in the lower section, giving three stabilizers within the bottom 20 ft.



## TECHNICAL SPECIFICATION

# Corpro Core Barrels

## Core Barrel Range

Size	(in)	4 3/4 x 2 5/16	5 3/4 x 3 1/2	7 1/8 x 4	8 5/8 x 5 1/4	9 1/2 x 5 1/4
Thread Type		Corpro HD	Corpro HD	Corpro HD	Corpro HD	Corpro HD
Rec. Hole Size	(in)	5 3/4 - 6 1/2	6 1/2 - 8	8 - 9 1/4	9 1/4 - 11	11 - 12 1/4
Core Size	(in)	2 5/16	3 1/2	4	5 1/4	5 1/4
Top Connection		3 1/2 IF	4 1/2 FH	4 1/2 IF	6 5/8 REG	6 5/8 REG
Outer Tube	(in)	4 3/4 x 3 3/4	5 3/4 x 4 5/8	7 1/8 x 5 5/8	8 5/8 x 7	9 1/2 x 7
Unit Length	(ft)	20	20	20	20	20
Pulling Capacity	(lbs)	300000	515000	860000	960000	1550000
Make-Up Torque	(ft lbs)	7500	9500	30000	35000	45000
Max. Torque	(ft lbs)	25000	35000	70000	75000	120000

## Benefits

- Transfer of power through core-barrel to core-head without losses due to buckling
- Higher torsion and tensile strengths than any alternative systems in the market place
- Stabilizers positioned at 20ft intervals improve hole gauge and concentricity
- Corpro Tandem and Extended Tandem Assemblies promote increased success in high angled wells



### Corpro Systems ALS Oil & Gas

Muirtonside, Whitecairns, Aberdeenshire, AB23 8UP Scotland  
**T** +44 (0) 1651 863000 **F** +44 (0) 1651 863050  
[www.corpro-group.com](http://www.corpro-group.com) [www.alsoilandgas.com](http://www.alsoilandgas.com)