

# Innodrive

Powerful, easily transportable reel drive system

Inno's Innodrive system is one of the largest powered reel drives available. Designed to be easily transportable in standard containers, Innodrive can be installed or uninstalled in one working day reducing mobilisation or demobilisation time.

## Sectors

- Renewables
- Communications
- Offshore energy.

## Applications

Laying or retrieval of:

- flexible flowlines
- umbilicals
- mooring wires
- power cables.

## Features

- Consists of two symmetrical towers, reel and control cabin. The reel is mounted between the two towers and is controlled from the cabin using a Programmable Logic Controller (PLC)
- Optional modular track system is available.

## Benefits

- Customised configuration to your requirements
- DNV GL, LR and RINA certified
- Capable of installation operations with or without laying tensioner
- Operates from either offshore dynamically positioned or anchored vessels in shallow and ultra deep water depths
- Easily transportable by sea or road in standard open-topped containers anywhere in the world
- Fast assembly
- PLC erases maintenance costs and reduces the number of personnel required
- Track system allows multi-reel spooling offshore.



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## Specifications

	Innodrive 150	Innodrive 450	Innodrive 600	Innodrive 700	Innodrive 800
Product capacity *	up to 150T	up to 450T	up to 600T	up to 700T	up to 800T
Max reel diameter	12.5m OD	12.5m OD	14m OD	14m OD	14m OD
Min reel diameter	5m OD	5m OD	5m OD	5m OD	5m OD
Weight	90T	90T	100T	100T	100T
Length	4.8m	4.8m	4.8m	4.8m	4.8m
Breadth	4.2m	4.2m	4.2m	4.2m	4.2m
Height	9.0m	9.0m	10.0m	10.0m	10.0m
Peak pull on hub *	up to 120T	up to 160T	up to 318T	up to 318T	up to 318T
Peak torque *	up to 140T x m	up to 176T x m	up to 350T x m	up to 350T x m	up to 350T x m
Worst load distribution between drive towers	70%-30%	70%-30%	70%-30%	70%-30%	70%-30%
Max operational sea state	Sea state 4	Sea state 4	Sea state 4	Sea state 4	Sea state 4
Max transit sea state	Sea state 8	Sea state 8	Sea state 8	Sea state 8	Sea state 8
Laying speed	Up to 2800m/h	Up to 2300m/h	Up to 2600m/h	Up to 2600m/h	Up to 2600m/h
Speed control	Full variable control	Full variable control	Full variable control	Full variable control	Full variable control
Dynamic Amplification Factor (DAF)	1.3	1.3	1.3	1.3	1.3
Vertical Lay System (VLS)	Compatible	Compatible	Compatible	Compatible	Compatible
Coiled pipe	Compatible	Compatible	Compatible	Compatible	Compatible

Bespoke size and product capacity on request.

\* Electrically controlled by PLC.



For more information please visit [innovoteam.com](http://innovoteam.com) or email [info@innovoteam.com](mailto:info@innovoteam.com)



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