



MACTON® MARINE PRODUCTS MARINE CABLE LAYING TURNTABLES

Portable turntables providing added flexibility and cost-savings.



Vessels and barges with permanent turntables can only serve a single purpose, and must be moved to the next job site, whether that's just down the coast or halfway around the world. The portable turntable solves this problem and provides added flexibility and cost-savings. All the contractor needs to do is rent a "vessel of opportunity" at the job location, which simply has to have adequate space on the deck for a turntable. The turntable itself is disassembled and removed from the vessel at the last job site and shipped by truck or container to the next job location, where it will be installed on the waiting vessel. The portability option also allows the contractor flexibility with the purchasing and renting options for a vessel.



No longer does the shipping company need to buy or rent a turntable-specific vessel. Any vessel with a deck surface large enough to hold the required turntable and cable handling equipment will be sufficient. This alternative enables the contractor to rent, buy or lease a much less expensive vessel.



SYSTEM SPECIFICATIONS:

Macton marine cable laying turntables and cable carousels are used to lay underwater cable in the telecommunications, electric power and alternative energies. Sub-sea cable is manufactured in one of two ways. It is either laid in a stationary shipping basket or laid in a shipping basket placed on a turntable. If the cable is laid on a stationary basket, there is a twist put in the cable with each wrap. When the cable is laid, it has to be dispensed in the opposite rotation to take the twist out of the cable. If a turntable is used in the manufacture of undersea cable, then one must also be used when the cable is laid. Otherwise, there will be a twist imposed on the cable as it's dispensed from the shipping basket. Macton's cable laying turntables are the perfect choice when a turntable is required.



PIE SECTIONS: Portable turntables arrive at a job site disassembled. The wheeled base assembly and the turntable itself are manufactured in pie sections that are bolted together on the vessel or barge. The wheeled base assemblies allow for rapid leveling of the base as a whole, as opposed to leveling each individual wheel set. The number and size of the supporting wheels is determined by the diameter and load capacity of the turntable. The design of the wheel base allows the load to be equally distributed to the deck beams of the vessel.

OPERATOR CONTROLS: A quick disconnect on the tethered control pendant allows the system to be operated locally for system check out and startup or remotely from the control room during cable laying operations.

CAPACITIES: Marine cable laying turntables are available with capacities in excess of 2000 metric tons.

DRIVE SYSTEM: A traction wheel drive system imposes the driving force onto the drive ring. Two tropical duty electric motors positioned 180 degrees apart power the turntable. The variable speed control of the drive system allows the operator to precisely match the turntable speed with the cable laying rate. While electric drives are typically more efficient to operate, a hydraulic drive option is also available.



5-YEAR WARRANTY: Macton will support your project with the assurance that comes from 60 years of experience and thousands of worldwide installations. As a result of Macton's confidence in our product, all our systems are backed by a 5-year warranty.

For more information and support please visit us
on the web at www.macton.com or contact us **1-800 334-TURN**.

**STANDARD 5 YEAR WARRANTY
ON ALL MACTON PRODUCTS!**



Moving the world around us™

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