

# Large Pipe Coilers

Reel Power has dozens of designs of large pipe coilers and can develop a design specific to your unique application.



## Coiled Product Reduces Your Overall Costs

Coiling your product reduces transportation, spool and handling costs when compared to shipping on reels. Reel Power offers semi and fully automatic coilers for on-line and offline coiling. Powered coil ID adjustment and manual coil width adjustment are standard, allowing a wide variance in coil and pipe sizes.

Large pipe coilers are available for pipe sizes up to **10in** (250mm) diameter for coils weighing up to **30,000lbs** (13,600 kg)

### STANDARD FEATURES

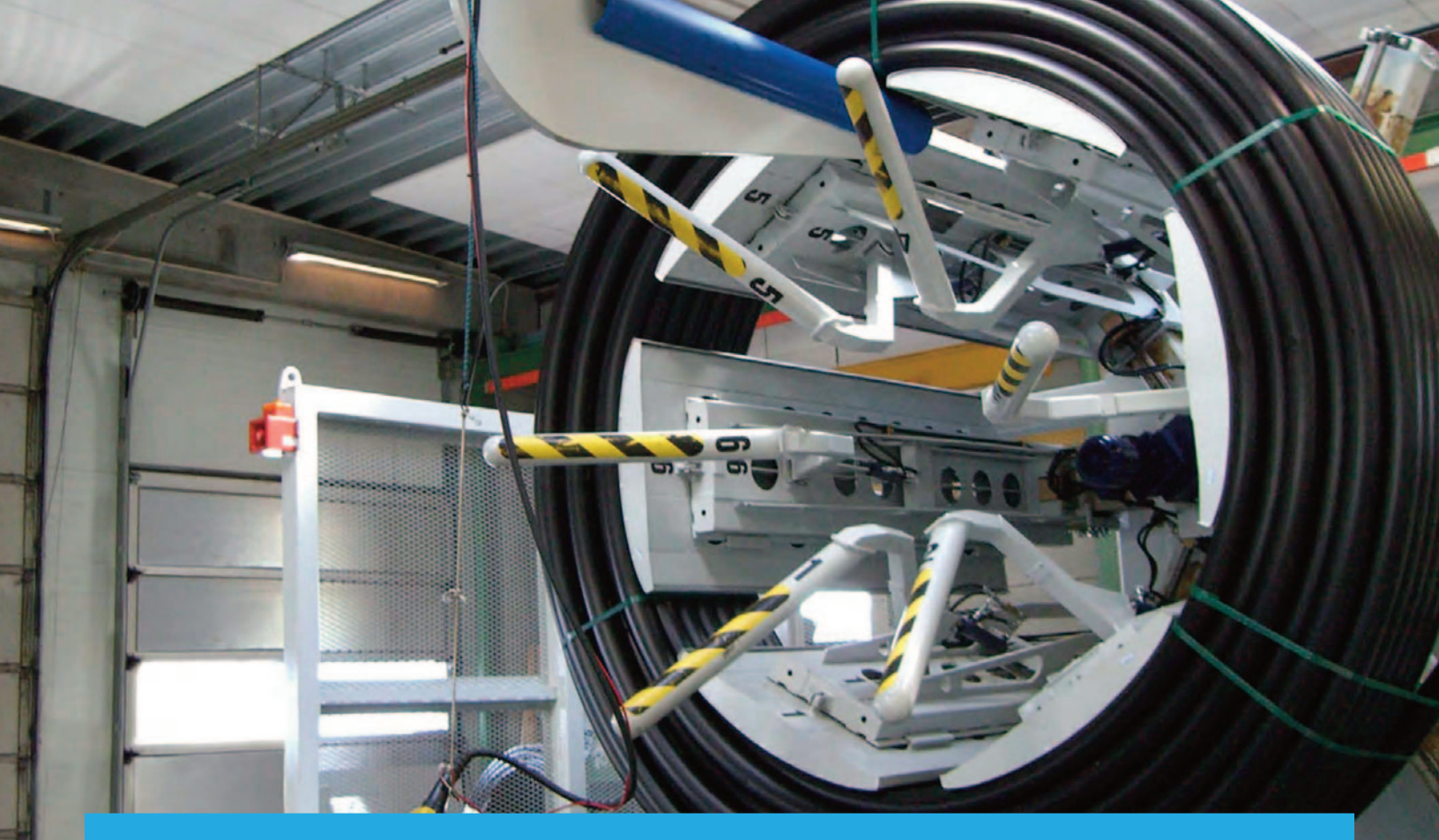
- » Wide range of coil head adjustment
- » Safe and ergonomic operation
- » Automatic pipe layering
- » Automatic stop at pipe end

### OPTIONS

- » Semi-Automatic Strapping/Banding
- » Fully Automatic Strapping/Banding
- » Integrated Coil Unloading & Staging Arm
- » Dancers/Accumulators for tension control
- » Traversing frame coiler for levelwind control
- » Pipe end quick release and start-up assist

**REELPOWER**  
MARINE & ENERGY





# The Benefits of Reel Power Semiautomatic Large Pipe Coilers

## Reduce Costs

Only one operator is required to oversee the operation of two or more machines. Where coiler utilization is low semi-automatic equipment produces coils comparable to the fully automated process for less capital investment.

## Production Flexibility

A wide range of coil head adjustment and interchangeable pipe support plates allow operation across a range of diameters from small diameter tube, hose and conduit up to 10" diameter HDPE pressure pipe.

## Semi-Automatic Coiler Range

Systems within our semiautomatic range are typically used for 1.5" to 6" diameter HDPE, PEX and nylon pressure pipe, composite pipes and pre-insulated pipes.



Pipe End Retainer Arm



Coil ID Powered Adjustment

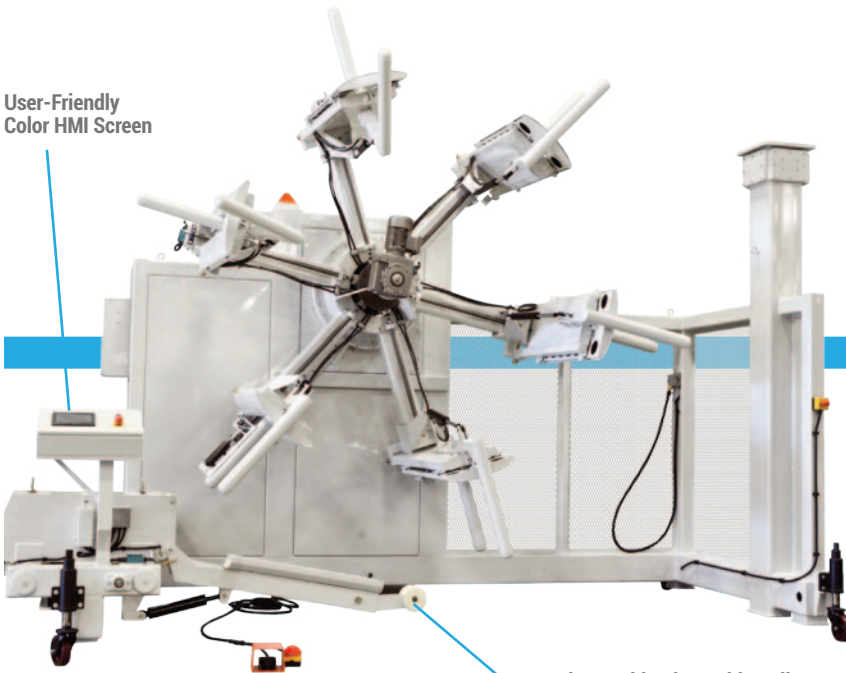






Fully Automated Strapping

User-Friendly  
Color HMI Screen



Interchangeable Pipe Guide Rollers  
on Powered Tail Retainer Arm



Integrated Coil Unload Arm



Powered Coil Wheel Expand/Collapse



Pipe Connector Quick Release Option



Adjustable Pipe Traverser Guide Rollers  
with Pipe Present Sensors

## COIL CAPACITY

	MODEL	SPC125SH	SPC180SHW	SPC250SHW	SPC250SHWHD
Pipe Size	in	2 to 4	3 to 7	3 to 10	3 to 10
	mm	50.8 to 101.6	72.2 to 177.8	76.2 to 254	76.2 to 254
Coil ID	in	48 to 84	59 to 118	59 to 118	72 to 144
	mm	1219 to 2134	1299 to 2997	1299 to 2997	1829 to 3658
Coil OD	in	ID + 36	ID + 50	ID + 55	ID + 55
	mm	ID + 914	ID + 1270	ID + 1397	ID + 1397
Coil Width	in	12 to 50	16 to 72	48 to 96	48 to 96
	mm	305 to 1270	406 to 1829	1219 to 2438	1219 to 2438
Coil Weight (max)	lbs	3,000	5,000	10,000	25,000
	kg	1,361	2,268	4,536	11,340

All machines are available at varying levels of equipment and automation enabling the most cost effective solution to be specified for each application.



## Applications

- » HDPE Pipes
- » Composite Pipes
- » Drain Lines (Corrugated)
- » Flowlines
- » Reinforced Thermoplastic Pipes
- » Oil & Gas Gathering Pipes
- » Umbilical Cables
- » Braided Rubber Hoses

**Reel Power can also assist with road transportation trailer systems to handle these larger coil pack sizes.**

## Key features of the Reel Power large pipe coilers:

- » Coiling head powered ID adjustment with interchangeable ID plates provides flexible coil sizes and improved coil size changeover convenience
- » Automatic pipe levelwind system with automatic stop at pipe end as standard
- » Optional Semi Automatic and Fully Automatic Strapping/Banding systems
- » Optional integrated unloading arm



**Low Ovality Technology** allows pipe to be coiled at reduced core diameters enabling longer lengths to be wound within existing packaging dimensions without the risk of kinking or unacceptable product ovalization. The ability to coil and install longer lengths within the same coil overall dimension offers reduced transportation costs. Equally important, this is a reduction in installation cost and risk to pipeline integrity by reducing number of required joints over a given distance.



**Integrated Coil Unloading Arm Systems** are capable of handling coils to 10,000 lbs safely from coiling head to the storage frame where they can be collected while the machine continues with the next coil.

**Semi Automatic and Fully Automatic Strapping/Banding** allows the pipe to be efficiently and safely secured with programmable positioned intermittent straps and around the final layer during the coiling process, minimizing operator intervention.

## Equipment for plastic pipe, tube, hose & conduit manufacturing:

- » Automatic coiling equipment
- » Semiautomatic coiling equipment
- » Off-line coiling technology
- » Low Ovality Technology
- » Drum winding equipment
- » Custom coiling solutions

## Equipment for subsea umbilical, flowline & cable manufacturing:

- » Carousels, loading arms and tensioners
- » Drum handling, moving and spooling equipment
- » Drum take up & payoff stands
- » Production machinery; S-Z lay machines, rotating taping heads, caterpillar haul-offs

## Subsea umbilical, flowline and cable installation:

- » Cable tensioners & linear engines
- » Carousels and loading arms
- » Drum handling and spooling equipment
- » Cable guides and transfer equipment



## WE SOLVE YOUR PROBLEMS

**Our goal is to identify challenges, design innovative solutions and manufacture quality products that solve your problems. Our business is saving you time and money.**

**REELPOWER**  
MARINE & ENERGY