



Brevini[®] Evolution Series Winches

The new BWE Series
for mobile and
industrial markets.



Brevini® Winches:

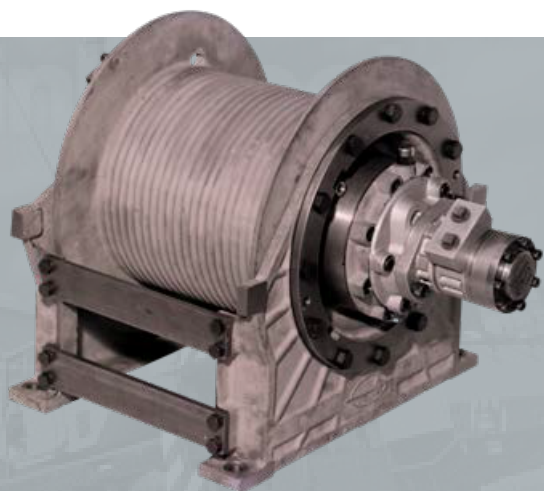
An **evolution** of innovation and quality

Dana understands winches in many applications need to perform in compact spaces. To accomplish this, Brevini® winches include an integrated hydraulic motor, creating a solution that delivers safe and reliable performance while minimizing the weight and size of the technology. Additionally, Brevini electronic safety controls satisfy local regulations and deliver on critical customer needs.

To make sure these requirements are met, every Brevini winch is tested at the end of the assembly line. Meanwhile, design, testing, painting, and assembly are all carried out in-house and systematically controlled, ensuring your winch meets Dana's standard of quality.

Global **winch** expertise

Our global presence is strengthened through our “centers of expertise,” home to world-class engineering, product customization, widespread sales support, and after-sales service.



The history of Brevini® winches

Four decades ago, Brevini made its first winch prototype, a planetary gearbox called the “RAF.” The success of that product led to a dedicated product line and, in the 1990s, the BW Series was launched on the market.

Since the 2000s, the Brevini line of standard and customized winches has expanded to cover applications in the mobile, construction, marine, and mining sectors.

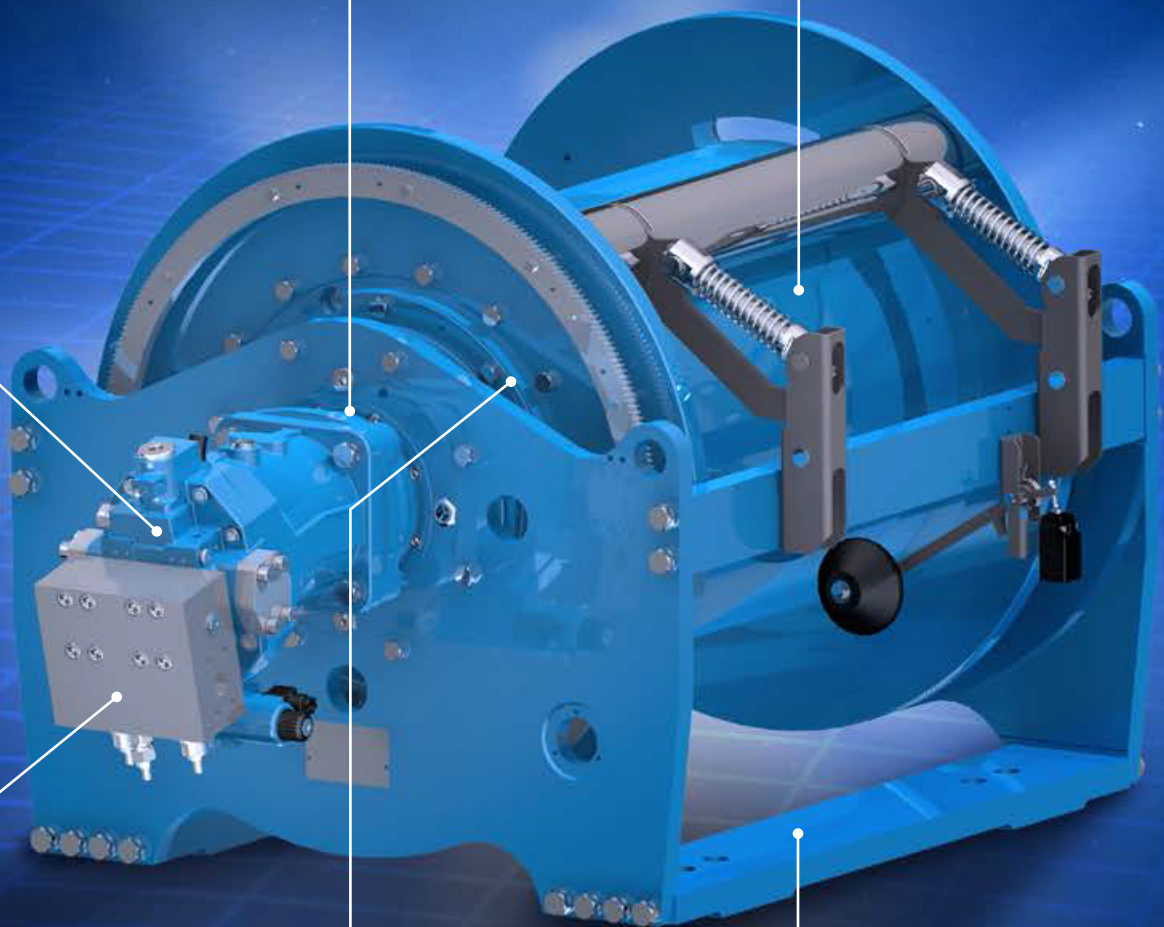
Brevini® Evolution Series Winches: **A brand new product architecture**

Dana has developed a new series of high-performance Brevini® winches for construction, industrial, and material-handling vehicles, as well as other mobile machinery. This new architecture combines efficiency, smooth controls, custom options, and safe operations in a robust modular design.

New Brevini hydraulic axial motor, featuring variable displacement with nine pistons; ideal balance of smooth control at low speeds and high performance

Specific multidisc static brake, designed specifically for winch applications

Robust steel drum, available in grooved or smooth options



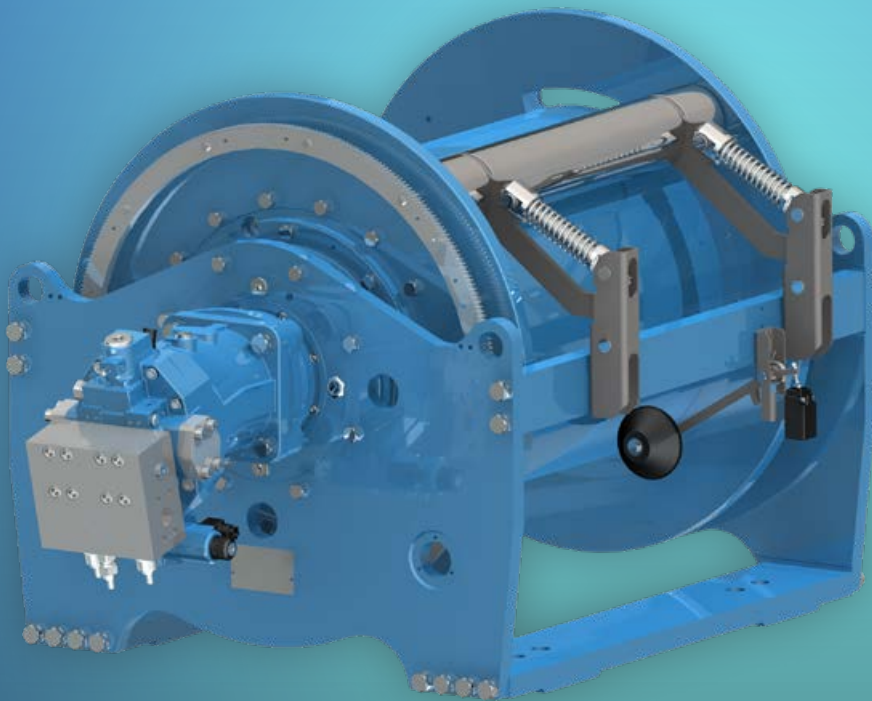
Brevini hydraulic valve ensures safe operation with enhanced control during load lowering

High performance gears, low noise, long product life

Robust steel frame, suitable for low-temperature applications

Brevini® Evolution Series Mobile Applications

The enhanced design and performance of the new Brevini® Evolution Series makes it an ideal solution for mobile applications. The four available models cover a first-layer pulling capacity from 8.5 tonnes (18,700 lbs.) to 16 tonnes (35,200 lbs.), making them well suited for many medium-sized crawler and rough-terrain cranes. These winches are equipped with high-speed Brevini hydraulic motors and a wide range of controls to avoid damage to the winch, vehicles, and, most importantly, people on the job site. All sizes are available with or without the frame as the motor drum.



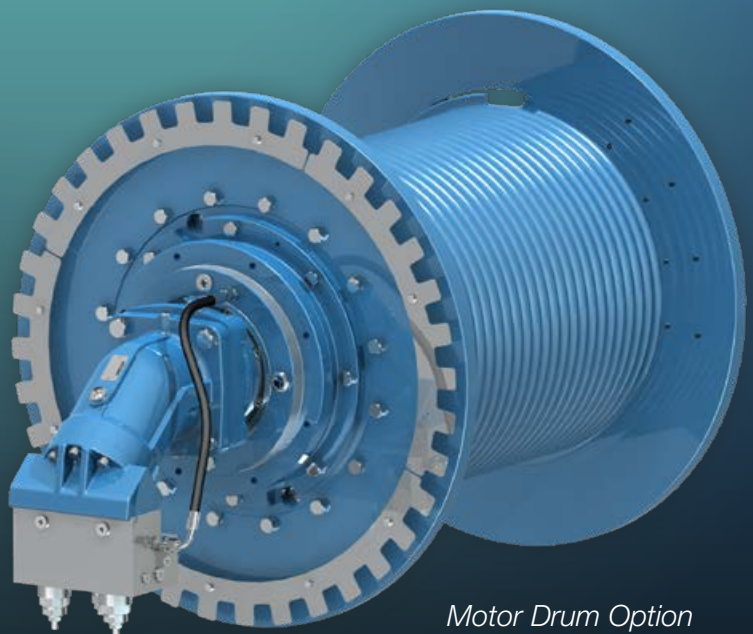
Accessories and Safety Controls

Pressure roller

Electric or hydraulic limit switch

Electric or hydraulic rotary limit switch








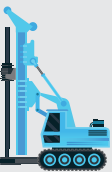
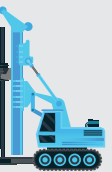
Speed sensor (proximity)



Motor Drum Option

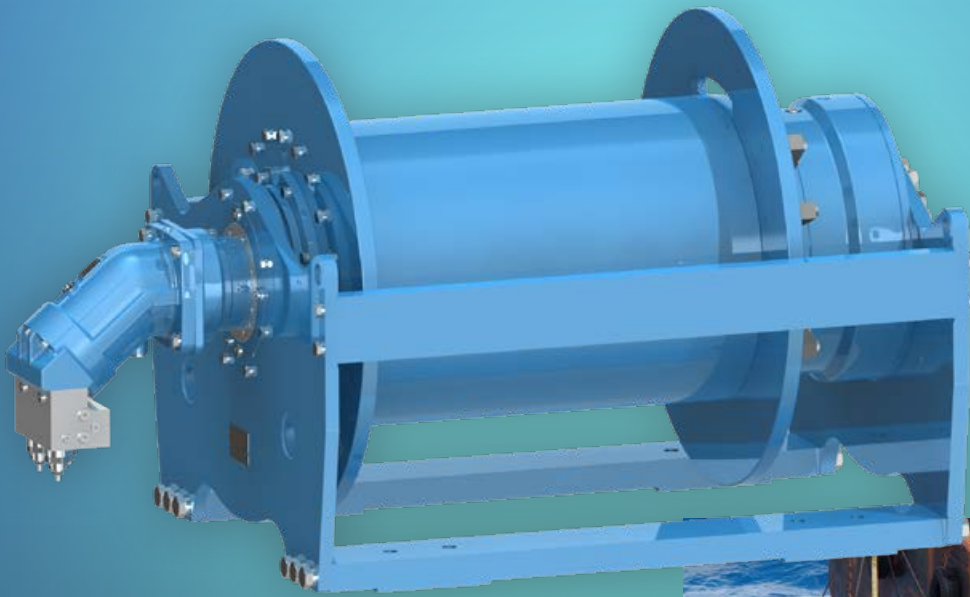


Winch Models

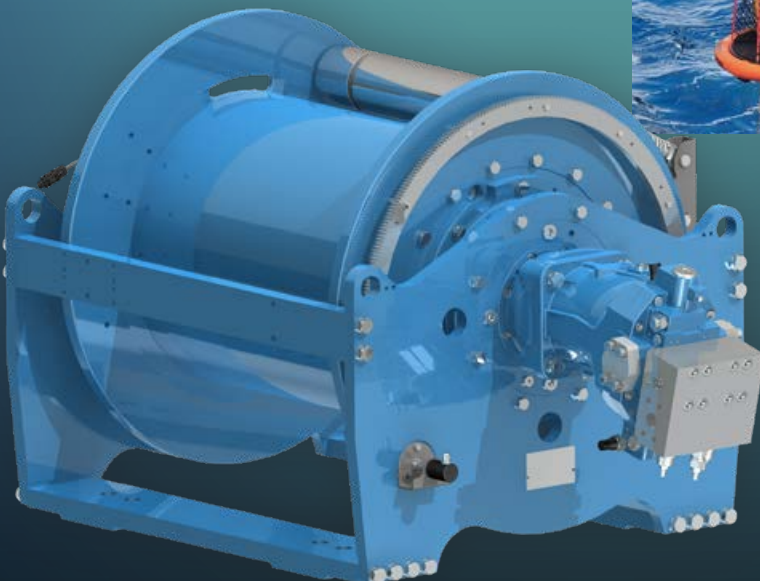
Vehicle	BWE085	BWE105	BWE125	BWE160
	FIRST-LAYER PULLING CAPACITY			
	Up to 8.5 Tonnes	Up to 10.5 Tonnes	Up to 12.5 Tonnes	Up to 16 Tonnes
Rough-Terrain Crane	 <p>Main and auxiliary winch 40 – 150 ton lifting capacity</p>	 <p>Main and auxiliary winch 70 – 150 ton lifting capacity</p>		
All-Terrain Crane	 <p>Main and auxiliary winch 150 ton lifting capacity</p>	 <p>Main and auxiliary winch 170 – 400 ton lifting capacity</p>	 <p>Main and auxiliary winch 400 ton lifting capacity</p>	
Crawler Crane			 <p>Auxiliary winch 90 – 110 ton machine weight</p>	 <p>Main winch 50 ton machine weight</p>
Piling Rig		 <p>Auxiliary winch 105 ton machine weight</p>		 <p>Main winch 35 – 50 ton machine weight</p>

Brevini® Evolution Series Industrial Applications

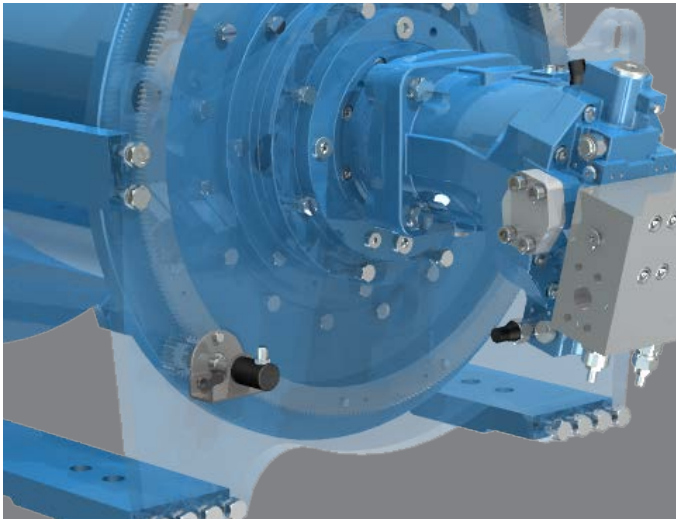
Tailored to meet the needs of the industrial market, the new Brevini® Evolution Series of winches is designed for drilling rigs, rubber tire gantry cranes, and many other stationary industrial applications in the marine and offshore markets. These winches are equipped with high-speed Brevini® hydraulic motors and a wide range of controls to avoid damage to the winch, vehicles, and, most importantly, people on the job site. All four models can be equipped with a second safety brake that allows them to be used as personnel lifting winches in marine and offshore applications.



**Personnel
Lifting Winch**



BWE Series winches are designed **to meet the standards of the major certification bodies** in marine and offshore applications.



Features and accessories

Smooth or grooved drum

Fixed or variable displacement Brevini
high-speed axial piston motor

Pressure roller

Electric or hydraulic limit switch

Electric or hydraulic rotary limit switch

Speed sensor (proximity)





Technologies Customized to **Every Part of the Globe**

With a global presence in 33 countries, Dana Incorporated boasts more than 100 engineering, manufacturing, and distribution facilities. With a worldwide network of local service centers, each customer is assured of the local proximity and responsiveness they need.

About Dana Incorporated

Dana is an integral partner for virtually every major vehicle and engine manufacturer worldwide. We are a leading supplier of drivetrain, sealing, and thermal technologies to the global automotive, commercial-vehicle, and off-highway markets. Founded in 1904, we employ thousands of people across six continents.



About Dana Off-Highway Drive and Motion Technologies

Dana delivers fully optimized Spicer® drivetrain systems and individual product solutions to customers in construction, agriculture, material-handling, underground-mining, and forestry markets, plus Brevini® motion systems for machine working functions. We bring our global expertise to the local level with technologies customized to individual requirements through a network of strategically located technology centers, manufacturing locations, and distribution facilities.

Learn more about Dana's winches for mobile and industrial applications at dana.com/offhighway.

dana.com/oh/contact



SPICER® **BREVINI®**

Application Policy

Capacity ratings, features, and specifications vary depending upon the model and type of service. Application approvals must be obtained from Dana; contact your representative for application approval. We reserve the right to change or modify our product specifications, configurations, or dimensions at any time without notice.