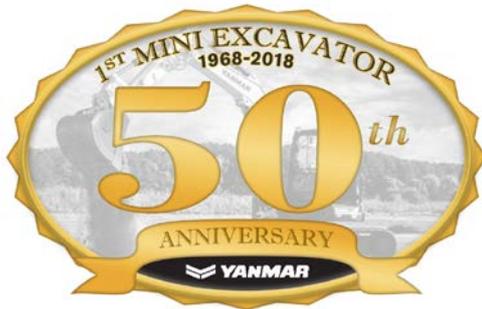




**YANMAR**

## Yanmar Kicks off Mini Excavator 50<sup>th</sup> Anniversary Campaign



Yanmar celebrates the 50<sup>th</sup> anniversary of its construction equipment business since the 1968 launch of the YNB300, a wheeled, self-propelled excavator powered by Yanmar diesel engine.

A pioneer of compact construction equipment, the company is a leader in the industry, and will be conducting a 50<sup>th</sup> anniversary campaign to commemorate the release of the mini excavator as well as to show appreciation for the support of our stakeholders in the growth of the company over the decades.

Manual labor using pickaxes and shovels was still the norm in the civil engineering industry in Japan in the 1960s, but demand for shorter construction periods was increasing due to labor shortages and increasing labor costs. Against these challenges, Yanmar launched the YNB300 mini excavator to reduce physical labor in the civil engineering industry, and we have continued to provide products which satisfy these needs ever since.

As a mini excavator pioneer, we want to take this opportunity to focus on our roots and continue to pursue the development of superior products in close cooperation with our customers. We also look to improve people's lifestyles by contributing to infrastructure development through our products and services.

This campaign will run to commemorate the 50<sup>th</sup> anniversary of the release of our first mini excavator, as well as to express our gratitude to all who have supported the growth of our company over the years.

## ■Yanmar Compact Equipment: Highlights of 50 years of mini excavators



<YNB300>

### ■1968

The diesel YNB300, a wheeled, self-propelled mini excavator could operate in the confined worksites commonly found in Japan and met demands for labor savings and to alleviate labor costs.

### ■1972

The YB600C had a swing boom that could slide to the left and right, allowing it to excavate right up against walls. This model also introduced improved driving performance thanks to the development of a built-in drive motor which fit within the width of the crawler. The model was known as the "wall magician" thanks to revolutionary performance that allowed it to easily excavate drainage channels. This task had been difficult with earlier equipment and earned the model great popularity with water service, gas, and other piping construction workers. It was a trailblazer in the mass production of compact construction equipment.



<YB600C>

### ■1974

The YB2000 was the first mini construction equipment model with a cabin and super low noise design. It was equipped with a cabin to allow operators to work in greater comfort, and was carefully designed to ensure that engine noise was suppressed, to allow for use in confined spaces, at night, and in residential areas.



<YB2000>

### ■1975

The YB1200, established the basis for the modern mini excavator. It featured a vertical water-cooled diesel engine with a low noise design as well as boom swing functions, 360-degree rotation, and an earth-moving blade.



<YB1200>



<YB400>

■ 1980

The YB400 was the world's first 1-ton class rubber crawler type mini excavator with a weight of just 900 kg. This meant that the rubber crawler fitted mini excavator could travel on paved roads without causing damage or excessive noise.

■ 1993



<ViO Series>

The "Zero Tail Swing ViO series" featured the best of both the standard models and the Super Swing models, as the marketplace matured. This model improved work efficiency using a simple boom, the same as standard models, and was designed to ensure that rear of the vehicle did not protrude beyond the width of the body when rotating, reducing the risk of injuring workers. It soon became the standard on worksites, replacing most of the standard models which previously made up approximately 70% of the mini excavator market.

■ 1990's to 2000's



< ViO 6 Series>

Numerous models and products were released which were equipped with engines complying with the exhaust gas restrictions enacted in Europe, the United States, and Japan. These provided even greater noise reduction, and incorporated safety mechanisms for protection in the event the machine ever overturned. As Yanmar began tackling environmental conservation issues early, the majority of the bodies of our company's mini excavators were made of a reusable steel sheet rather than plastic. In addition, these advanced models achieved a perfect rear swivel, where even the front corners of the cabin remained inside the machine body when swiveling, while other functions such as the pneumatic quick coupler allowed for easier attachment and detachment of buckets. We have continued to evolve the ViO excavators, producing enhancements to the series approximately every 5 years starting with the series 1 upgrades in the 1990s and currently up to the series 6 updates to this family of excavators.

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