



A compact powerhouse: The new Tadano AC 4.070(L)-1 all terrain crane

Lauf an der Pegnitz, Germany – July 14, 2021 – With its AC 4.070-1 and AC 4.070L-1, mobile crane manufacturer Tadano is introducing an upgraded four-axle all terrain crane with a lifting capacity of 70 tonnes and two boom lengths. Successor to the successful ATF 70G-4, the crane was designed with a strong focus on versatile and comfortable operation. It features a new carrier cab, a multifunctional crane control system, and engines that conform to EU Stage V requirements.

As part of its reorganization efforts, Tadano will be standardizing the names of its mobile crane models throughout the year. The new AC 4.070(L)-1 adheres to the new naming conventions right out of the gate.

Above all: powerful performance characteristics

With a length of 52.1 m, the six-section main boom outperforms the booms of other four-axle competitors in its class. At its full boom length, the crane can lift 5.8 tonnes. The lifting capacity was especially improved further for steep main boom positions with small radii. A 44-m main boom continues to be available as an option. With all this, Tadano sticks to its promise of offering its customers a powerful and versatile heavy-duty all-rounder that is nevertheless extremely compact.

Quality equipment for a quality crane

Customers who acquire the new AC 4.070(L)-1 also benefit from the enhanced characteristics of the latest carrier cab from Lauf and the identical superstructure controls using the AML-F crane control system. No sacrifices when it comes to equipment, quality, or versatility: That is the Tadano motto. And a main boom extension (HAV) with a length of 9 to 16 m proves it. With manual or stepless hydraulic adjustment capabilities, it can be used at 0° to 40° to overcome an extremely wide variety of obstacles. In addition, the larger total lifting capacity continuously

changes in line with all radii. An additional 1.8-m runner can be mounted on the opposite side of the double swing-away jib on the boom.

Getting work done fast

The intuitive and precise AML-F crane control system makes it possible to achieve short setup times to get going quickly and ensures a high degree of flexibility when it comes to positioning the crane thanks to asymmetrical outrigger setting capabilities. The automatic lifting capacity selection function makes things much easier for crane operators. The crane selects the optimal extension sequence for each radius by itself. In addition, the Tadano Lift Adjuster provides greater convenience during lifting by reliably reducing load swinging during lifting and lowering – a very useful aid for all crane operators.

Light on the road

Thanks to the ability to flexibly subdivide its counterweight, the AC 4.070(L)-1 can be configured very precisely for an extremely wide variety of axle load limits. Without a main boom extension and with 4.4 tonnes of counterweight, the crane can comply with the ten-tonne axle load limit that is becoming increasingly more common. When staying under a twelve-tonne axle load limit instead, the crane can even travel with up to 12.2 tonnes of counterweight. The range of axle load limits that can be complied with goes all the way up to 16.5 tonnes so that the crane can travel on UK roads, for example.

A state-of-the-art engine combination with a tried-and-true design

The AC 4.070(L)-1 benefits from a reliable and cost-effective two-engine design featuring the latest exhaust emission control technology in conformity with EU Stage V. Together with a ZF TraXon transmission, including rock-free and hill start assist functions, the maneuverable crane can handle even the tightest spaces and meet the needs of even the most demanding customers.

Tadano AC 4.070(L)-1 technical specifications

- Max. lifting capacity: 70 tonnes
- Boom: 11.1 m – 52.1 m
- Main boom extension: 1.8 m / 9.0 m – 16.0 m
- Max. tip height: 71 m
- Max. radius: 52 m
- Carrier engine: Mercedes-Benz OM 470 LA, 340 kW, EU Stage V
- Superstructure engine: Mercedes-Benz OM 934 LA, 129 kW, EU Stage V
- Transmission: ZF TraXon 12.1
- Drive: 8 x 6 x 8 (8 x 8 x 8)
- Dimensions
 - Length: 12.56 m
 - Width: 2.55 m
 - Height: 3.85 m

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About Tadano Faun GmbH

Tadano Faun GmbH was created 1990 by the takeover of Faun GmbH by Tadano Ltd. At the 160,000 square meter plant in the Franconian city of Lauf an der Pegnitz, all-terrain cranes and truck-mounted cranes are developed and manufactured. The site also includes the state-of-the-art spare parts store and a training center. A global sales and service network provides supplies and services to customers all over the world. Prior to delivery, every crane is tested thoroughly at the test site (65,000 square meters) 30 km away in Pegnitz.