

Extreme Performance: New HKR Hydraulic Above Deck Compressor Series

DYNASET introduces a powerful new addition to its product range—the HKR Hydraulic Above Deck Compressor. This compact, heavy-duty unit is purpose-built for installation on work trucks and similar vehicles. Engineered with Dynaset’s trusted expertise, it offers 100% seamless vehicle integration across a variety of mounting locations.



Caption: New DYNASET HKR Hydraulic Above Deck Compressor is built for real work. Thick casing and robust structure with extreme performance makes it the best choice for mobile work. Alt-text: DYNASET HKR Hydraulic Above Deck Compressor.

Whether it’s installed on a truck bed—a common setup in the U.S.—or used as a replacement for a truck’s side toolbox, the unit’s compact size and rugged construction make it a versatile solution for mobile compressed air needs.



Caption: All connections of the HKR Hydraulic Above Deck Compressor are located on the same side of the unit. Viewed from the left, the air outlet (PA) comes first, followed by the electrical cable entry, the load sensing line (LS), and finally the hydraulic pressure line and return line on the right side of the unit.**Alt-text:** Connections of the DYNASET HKR Hydraulic Above Deck Compressor.

What's in the Box? Let's Talk Specs.

HKR Hydraulic Above Deck Compressor line-up has two different models, both available for 12V and 24V systems: the HKR800-AD and the HKR2500-AD. The uniqueness of this compressor line-up comes from its extreme performance. For example, HKR2500-AD delivers up to 88 CFM of air at 145 PSI, all in one compact unit while its smaller brother provides 28 CFM of air at 145 PSI.

One important feature is that by controlling the hydraulic flow, you can adjust the air output of the compressor to match your needs perfectly. In addition, the unit includes a rotation speed control cartridge that allows users to exceed the hydraulic oil flow by up to 50% of its nominal value, protecting the compressor. As shown in the chart below, the HKR2500-AD model in particular enables users to fine-tune the unit's output precisely to their requirements.

Discharge Flow Rate Max	46 cfm (1300 l/min)	46 cfm (1300 l/min)	74 cfm (2000 l/min)	74 cfm (2000 l/min)	88 cfm (2500 l/min)	88 cfm (2500 l/min)
Discharge Pressure max	101 (7 bar)	145 (10 bar)	101 (7 bar)	145 (10 bar)	101 (7 bar)	145 (10 bar)
Hydraulic Flow Nom.	9,8 (37 l/min)	9,8 (37 l/min)	14 (53 l/min)	14 (53 l/min)	17,7 (67 l/min)	17,7 (67 l/min)
Hydraulic pressure Nom.	2538 (175 bar)	2973 (205 bar)	2683 (185 bar)	3118 (215 bar)	2900 (200 bar)	3263 (255 bar)

Caption: HKR Hydraulic Above Deck Compressor 2500 model output chart. **Alt-text:** HKR Hydraulic Above Deck Compressor 2500 model output chart.

Durability You Can Rely On

HKR Hydraulic Above Deck Compressor features an integrated hydraulic oil cooler, ensuring optimal performance even in continuous, demanding applications. The enclosure is built to withstand harsh conditions by using robust covers and frame structures. This robust construction ensures long-term durability with zero compromises.



Caption: Maintenance of the HKR Hydraulic Above Deck Compressor is effortless. At its core is the reliable DYNASET HKR Hydraulic Screw Compressor, requiring minimal upkeep. The unit is designed to give the user easy access to all main components. **Alt-text:** HKR Hydraulic Above Deck Compressor with open maintenance hatch.

Easy Installation & Low Maintenance

Installing the HKR Above Deck Compressor is straightforward:

1. Select the installation location on your truck.
2. Bolt the unit in place using its integrated mounting rack and lifting points—no disassembly required.
3. Connect hydraulic hoses (pressure and return) and plug in the electric control cable.
4. Connect the air hose to air output

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The Field Is Ready for a Newcomer!

This new compressor is already making waves in the field. Janne Ekstam, CEO of Kanon Enterprises LLC in Iowa and a DYNASET dealer in the USA, believes the product has strong potential.

"I believe that the biggest advantage for the Dynaset's above deck compressor is the ability to provide different air output capacities by varying the amount of hydraulic flow and pressure provided to the compressor. Additionally, the HKR Hydraulic Above Deck Compressor has the ability to provide great amount of output with decent hydraulic flow and pressure. The features it offers provide a wide range of potential applications across many markets and hydraulic systems.."

Janne Hietamäki, one of DYNASET's Area Sales Managers for the USA, shares the same view and adds:

"The HKR Above Deck Compressor is ideal for work trucks. Built to DYNASET's high-quality standards, it's a durable and reliable solution. With its thick casing, this unit is built for really tough work."

Interested? Let's Get You Started

The HKR Hydraulic Above Deck Compressor is available now. **Fill out the form below** to request a quote or ask any questions about this exciting new product.

SEO-things (key phrase: **Above deck compressor**)

SEO title (aim to 42-62 characters and include the key phrase in your translation)

Extreme Power: New HKR Hydraulic Above Deck Compressor Series

Snippet (aim to 130-150 characters and include the key phrase in your translation)

Discover the new DYNASET HKR Hydraulic Above Deck Compressor. Compact, durable, and powerful—up to 88 CFM at 145 PSI for work trucks and mobile use.