



PRESS RELEASE

Expander and crushing roller mill for improved efficiency and animal welfare

IPPE 2025: AMANDUS KAHL sets new standards in animal feed production

The International Production & Processing Expo (IPPE) is one of the world's leading trade shows for the poultry, meat and feed industries. From 28 to 30 January 2025, the industry will meet at the Georgia World Congress Center in Atlanta to exchange information on the latest technologies and innovations. AMANDUS KAHL will present its pioneering solutions as a leading manufacturer of processing plants. The expander OE 23.2 and the crushing roller mill WSB 2040.2 with individual drive, among others, set new standards in efficiency, quality and sustainability, and impressively demonstrate how modern approaches can improve feed processing and animal welfare.

The latest generation of the expander OE 23.2 from AMANDUS KAHL is extremely versatile. It combines moisture, temperature and pressure to optimize the nutritional, hygienic and physical properties of animal feed. Treatment in the expander breaks down plant cells and effectively eliminates micro-organisms such as salmonella, significantly improving feed quality. At the same time, the expander increases the efficiency of the downstream pelleting process by up to 50 per cent, enables significant energy savings and reduces the CO₂ footprint.

The hydraulically adjustable cone allows pressure and temperature to be continuously adjusted during operation, with working pressures from 5 to 120 bar and temperatures from 90 to 130°C - ideal for a wide range of feed applications. In addition, the expander ensures the highest hygiene standards and can replace conventional hygienization processes.

Another benefit is the contribution to animal welfare: Gentle expansion preserves the coarse structure of the feed, which improves the digestion and health of pigs and poultry. For demanding applications such as cattle feed, a special crown outlet enables the production of rumen-stable proteins – 'undegradable proteins' (UDP). These 'bypass proteins' improve the digestion and thus increase the performance of dairy cows and fattening cattle without affecting their rumen system.



PRESS RELEASE

Precise control with the crushing roller mill

The range is completed by the innovative crushing roller mill WSB 2040.2 with individual drive – a powerful crushing machine designed specifically for the feed industry. The crushing roller mill allows precise adjustment of the feed structure by individually controlling the speed of both rollers and the grinding gap. The result is a uniformly crushed, easily digestible feed that is optimally adapted to the animals' needs. The crushing roller mill is therefore a central component of modern feed production.

In combination with the expander, the crushing roller mill provides an excellent basis for the production of high-quality animal feed, which promotes animal health and significantly improves feed conversion.

Visitors to IPPE 2025 will have the opportunity to experience the innovative technologies of AMANDUS KAHL live in **Hall A, Stand A533** and see how they are shaping the future of sustainable feed production.

Date: **2 December 2024**

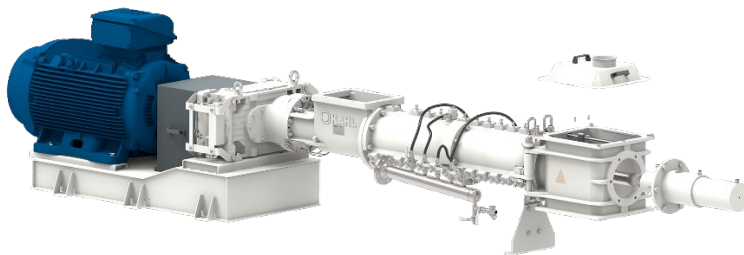
Scope: **3,377 characters (incl. spaces)**

Photos: **2**

PRESS RELEASE



Caption: The crushing roller mill with individual drive is an established machine in the animal feed industry for grinding cereals and legumes.



Caption: A real all-rounder in feed production: The expander from AMANDUS KAHL is suitable for mixing, kneading and homogenizing and ensures effective hygienization of the processed products.



PRESS RELEASE

About Amandus Kahl

AMANDUS KAHL is a mechanical engineering company based in Reinbek, Germany, and the leading sister company in the KAHL Group. The company has grown continuously over the past 145 years and has developed into one of the most successful international companies in pellet mill construction. With around 500 employees, AMANDUS KAHL has made a name for itself throughout the industry. The heavy equipment manufacturer is primarily focused on producing pellet mills, expanders, extruders, driers and coolers. Most of the machines are used in the animal feed and biomass industries, but also for processing recyclable materials. In addition, the chemical-pharmaceutical and food industries have grown in importance in recent years, so that suitable machines and plants are also supplied for these industries.

Company contact

Nils Minow • AMANDUS KAHL GmbH & Co. KG

Dieselstraße 5–9 • 21465 Reinbek

Phone: +49 (0) 40 727-71-0 • Fax: +49 (0) 40 727-71-100

E-mail: minow@amandus-kahl-group.de • Internet: <https://www.akahl.com/de/>

Press contact agency

Marius Schenkelberg • additiv

Eine Marke der additiv pr GmbH & Co. KG

B2B-Kommunikation für Logistik, Robotik, Industrie und IT

Herzog-Adolf-Straße 3 • 56410 Montabaur

+49 2602 950 99 25 • ms@additiv.de

additiv.de