



**PLANT-BASED PROTEIN**  
**WE MAKE IT HAPPEN!**



A wooden spoon is shown pouring bright orange lentils from a burlap sack onto a grey surface. Several lentils are scattered on the surface around the sack. The background is a soft, out-of-focus grey.

## PLANT-BASED PROTEIN A GROWING DEMAND

Plant-based proteins are playing an essential role in replacing meat-based proteins following an ever-increasing consumer's demand for more **sustainable** products and sources.

When producing a natural product with a high protein content without the use of chemicals, the **dry fractation method** is the best solution. The plant-based products are only treated mechanically, resulting in a significantly lower operational cost compared to alternative production methods. Furthermore, dry fractioning is a **very flexible solution** and handles different raw materials with ease.

Besides focusing on achieving a high value protein product, extra effort is needed **to add value** and convert the by-products like fibers and starch from a waste product to a food product.

Such a production facility has to be extra flexible in order to follow the market demands and **keep up with trends** in terms of particle size, packaging needs and more.





# J-TEC, YOUR **TURNKEY** PARTNER

J-Tec is more than just a supplier, we make your vision a reality!

Your focus remains on developing the best product you can make, while **we take care** of designing, supplying and executing the entire production facility for you: from raw material intake to the final product with selection and **integration** of process equipment, factory engineering, supply of all material handling areas and provision of the complete factory automation system. To simplify communication, you will have one point of contact for the entire installation, thus ensuring on time and **on budget execution**.



OUR PEOPLE MAKE THE DIFFERENCE

**J-TEC MATERIAL HANDLING**

J-Tec Material Handling is experienced in building **tailor-made turnkey** installations with all the necessary steps for shifting: cleaning of raw materials, dehulling, shifting and bagging of the final products.

**Extra process steps** like analogue meat extrusion, dissolving, premixing, etc, can be added to the protein powder production **to suit your needs**.



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