

# ISHIDA PROVIDES QUALITY ASSURANCE FOR MEAT PRODUCTS

## Case Study **Myasnoy dom Borodina**

### Facts and figures

- » The Ishida IX-GA-4075 X-ray inspection system and DACS-G checkweigher are being used across Myasnoy dom Borodina's entire range of products, around 80 in total.
- » The Ishida IX-GA-4075 X-ray inspection system is able to detect a wide variety of foreign bodies, as small as 0.3mm.

Ishida X-ray inspection and checkweighing technologies are ensuring the highest standards of product quality and pack accuracy at Myasnoy dom Borodina (Meat House Borodin), one of the Moscow Region's premier meat processors.

The Ishida IX-GA-4075 X-ray inspection system and DACS-G checkweigher are being used across Myasnoy dom Borodina's entire range of pork products, around 80 in total, including sausages, ham, cured meats and a range of delicatessen items, in a number of different pack formats, such as thermoformed trays, skinpacks, overwrapped and skin on board.

The Ishida machines were chosen by Myasnoy dom Borodina following a rigorous selection process against competitor equipment. "I had had experience of Ishida equipment at my previous company and consider Ishida to be one of the best suppliers of food quality control solutions," explains Mr Roman Khodyrev, Myasnoy dom Borodina's Technical Director. "Our test results confirmed that the Ishida IX delivered the highest levels of sensitivity."

The Ishida IX-GA-4075 X-ray inspection system is able to detect a wide variety of foreign bodies, such as stainless steel, aluminium, glass, shells, stones, rubber, dense plastic and shells, as small as 0.3mm.

Key to its excellent performance is Ishida's unique GA (Genetic Algorithm) technology that enables the machine to be trained to more easily detect specific contaminants, which means it can be adapted to the precise requirements of the many different products it is inspecting.





“ With the Ishida IX X-ray inspection system in particular, we can be totally confident that the products which leave our factory for our retail customers are completely safe. ”

The Ishida DACS-G checkweigher ensures pinpoint accuracy in the checking of pack weights across Myasnoy dom Borodina's entire range of products. This is particularly important for high-value items such as bacon where the company needs to be compliant with relevant weight regulations while keeping product giveaway to a minimum.

The checkweigher features an Ishida designed, exceptionally fast and accurate digital loadcell that is able to operate with great reliability in the harshest of environments. A unique feature of the loadcell is its ability to switch between two weighing capacities and graduations, thus giving each model in the range the flexibility to handle a much larger product range.

Both the Ishida X-ray inspection system and the Ishida checkweigher are operating 24 hours a day, seven days a week, and Myasnoy dom Borodina says there have been no problems with either model in the two years since they were first installed. Changeovers between products can be achieved within seconds by calling up the pre-sets on the machines' intuitive and easy to use remote control units. Ishida provided full operator training during installation.

"The Ishida machines are helping us to maintain and further improve our rigorous quality requirements," concludes Mr Khodyrev. "With the Ishida IX

X-ray inspection system in particular, we can be totally confident that the products which leave our factory for our retail customers are completely safe."

Established in 1997, Myasnoy dom Borodina has grown to become one of the leading suppliers to all major retail chains in Moscow and St. Petersburg.

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The company's success is based on innovation, a passion for quality and respect for its customers; it was the first in Russia to introduce MSG-free products, and its ranges are also soy- and GMO-free.

Myasnoy dom Borodina continues to experiment with recipes, product formats and packaging to meet the changing lifestyles of modern consumers.

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