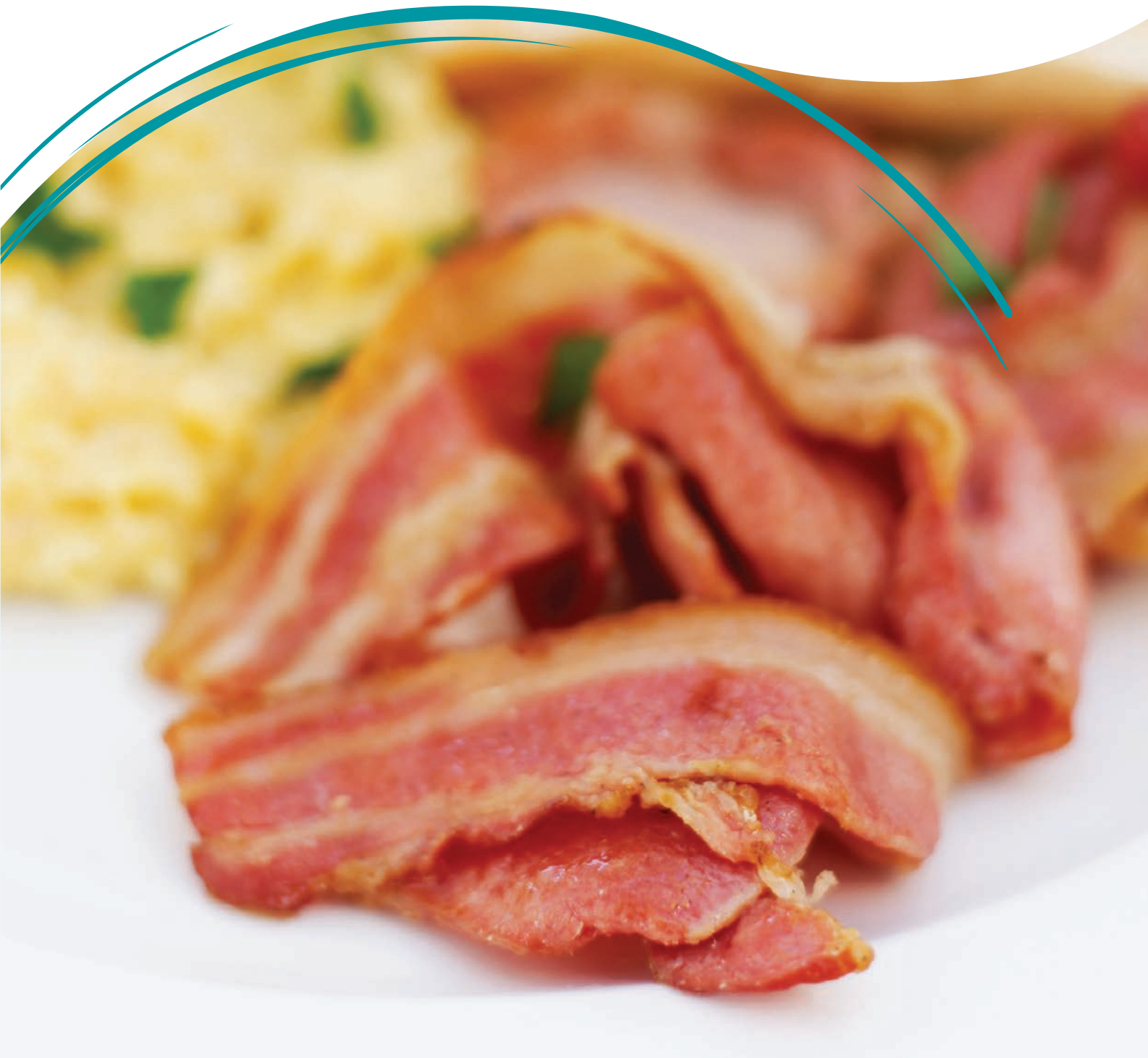




DSI™ 800 Pork Belly Processing System



Inspect, trim and sort

to maximize yield and reduce labor



The DSI Pork Belly Processing System is ideal for a typical integrated pork facility with in-house bacon production. With yield and labor savings leading to rapid payback, the DSI system is designed for processors seeking improved profitability through automation. The DSI system has demonstrated the ability to consistently and accurately trim millions of pork bellies and to sort each belly to its most profitable use. By employing sophisticated software combined with a machine vision system and high-pressure waterjets JBT has automated a process that has historically been done manually by highly skilled workers.

The DSI pork belly trimming and sorting process

Your staff loads pork bellies shoulder forward on a conveyor belt – The DSI system takes it from there. The DSI process steps are:

1 Scan

- Determine width, length, thickness
- Identify positions of fat and lean
- Locate defects like holes, snowballs

2 Evaluate and optimize

- Automatically detect left or right belly
- Evaluate multiple cut scenarios for each belly
- Identify highest yield solution for any given belly

3 Trim

- Cut skin-on or skin-off bellies
- Follow any cut path necessary for maximum yield

4 Sort

- Send sort category signal to downstream sorter

Achieve superior cutting performance

- Trim to any specification your process requires
- Two-axis cutters mean no compromises are made on yield
- The DSI System has complete control of cutter speed which results in highest quality cuts

Keep it quiet

- Minimize sound pressure levels with our proprietary noise reduction system – just one benefit of our 30 years of experience with hundreds of DSI Portioner placements worldwide.
- It's no secret. DSI Portioning Systems process over 1 billion pounds of boneless protein per year globally, and provide optimal raw product utilization and labor savings to poultry, fish, pork, and beef processors worldwide.
- Ask about our 99% uptime guarantee.



Sort it out

- Run multiple programs simultaneously
- Sort to maximize belly yield
- Sort to different weight, defect or thickness categories
- Change sorting and cutting parameters easily, even during operation



Flexible offerings with you in mind

The JBT spectrum of commercial offerings is designed to meet your every need. These options include purchasing, capital leasing, lease-to-purchase agreement or a full-service operating lease. The full-service operating lease can include: a 99% uptime guarantee, a throughput guarantee, a spare parts provision, as well as regular visits from a DSI technician. The DSI technician provides expert maintenance support, maintains the spare parts supply, trains employees and works with you to continually improve the process.

Enjoy superior software functionality

- Left/right belly detection
- Snowball detection
- Hole detection
- Input belly size range checking
- Multiple setups supported
- Length/width control
- Length/width deviation control
- Teatline functionality
 - edge fat width control
 - edge thickness control
 - edge cut straightness control
- Shoulder functionality
 - skew angle control
 - edge thickness control
 - edge thickness exemption control
 - fat width control
 - fat width exemption control
- Fatback functionality
 - edge thickness control
 - edge thickness exemption control
 - ham-end corner cutoff
 - cut lean finger offset
 - cut laser line offset
 - cut smoothness control
- Bootjack depth control



We are your single source for profitable processing solutions

JBT can provide you with portioners, freezers and everything in between – including process control, food product development assistance, operator training and a full range of customer support alternatives.

Our Food Technology Centers have served leading processors in the development of many of the world's most popular food brands. Learn how to increase your processing potential by contacting your JBT Account Representative or by visiting our website.

We're with you, right down the line.™

www.jbtfoodtech.com



www.jbtfoodtech.com

North America

JBT
1622 First Street
Sandusky, OH 44870
USA
Phone +1 419 626 0304
Fax +1 419 626 9560
process-solutions@jbt.com

Asia

John Bean Technologies (Thailand) Ltd.
159/26 Serm-Mit Tower, Room no. 1602-3
Sukhumvit 21 Road, Klongtoey Nua Sub-district
Wattana District, Bangkok 10110 Thailand
Phone: + 66 2257 4000
Fax: + 66 2261 4099
infoasia-jbtfoodtech@jbt.com

Europe

JBT
Rusthallsgratan 21, Box 913
SE-251 09 Helsingborg
SWEDEN
Phone +46 42 490 4000
Fax +46 42 490 4040
info-europe@jbt.com

Latin America

John Bean Technologies
Máq. Equip. Ind. Ltda.
Av Eng Luis Carlos Berrini, 1461
9th Floor – Brooklin
04571-903 Sao Paulo BRAZIL
Phone + 55 11 3055 1010
Fax +55 11 3055 1030
latinamerica.info@jbt.com