

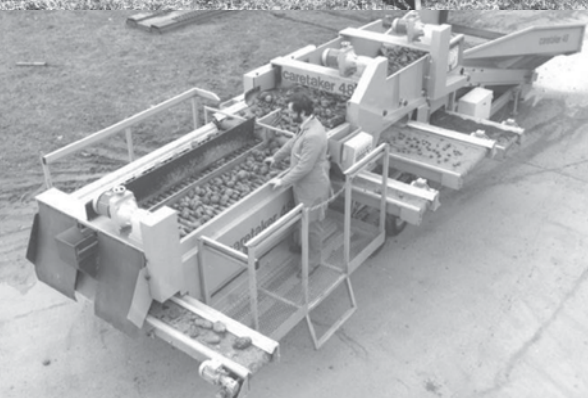
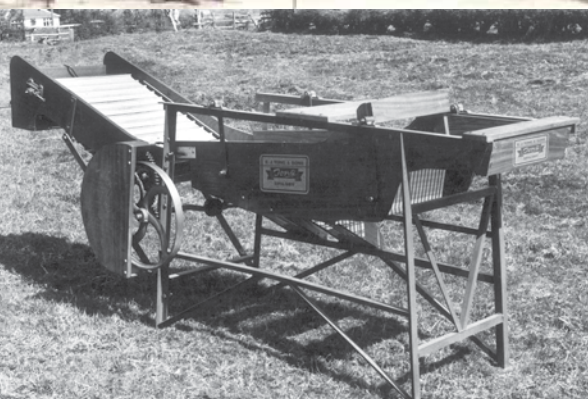
# TONG

*Handling Innovation*



[WWW.TONGENGINEERING.COM](http://WWW.TONGENGINEERING.COM)





## Providing a world class service to the potato & vegetable industry since 1930

**With engineering roots dating back to 1930, Tong Engineering has over 80 years of experience in manufacturing robust and reliable handling equipment, from single machines to full bespoke systems.**

As a family-run business, now in its fourth generation with managing director Charles Tong and his son Edward at the forefront of the company, Tong is one of the UK's leading designers and manufacturers of handling equipment for the vegetable industry. From concept through design and manufacture, to installation and after sales support, Tong specialises in producing a wide range of technically advanced, custom built machinery for grading, washing and handling a wide variety of crop in the most efficient and gentle way.

Now supplying quality machinery to over 25 countries worldwide, Tong has vegetable handling expertise that is second to none. So whether you grow brassicas in Lincolnshire, onions in America, carrots in Spain or potatoes in South East Asia, you all share a common goal: to achieve the quality and consistency demanded by the food retailer. The provision of robust and reliable potato and vegetable handling machinery which offers the gentlest handling whilst saving time, money and keeping pace with the ever-increasing standards demanded by national and international buyers, is more important than ever.

Tong is dedicated to working with you to achieve your goals and offers a complete solution to your needs, however large or small.







2400 CARETAKER GRADER



EASYSOFT SEPARATOR WITH PU COILS



HOPPER INFEEED



CARETAKER CANOPY

# CARETAKER MOBILE GRADING

The Caretaker is Tong's market leading mobile grader which can be custom built to your specific needs. Capable of cleaning and grading up to 60 tonnes per hour, the Caretaker offers reliably strong, energy efficient and gentle handling.



INSPECTION AREA

"Our ethos is simple: to provide our customers with excellent products and to do so by using the most modern and eco-friendly farming methods. As such we decided to invest in new handling equipment. With its reputation for high quality British manufacturing, we chose Tong's Caretaker"

**Geert Knottenbelt, Luffness Mains**



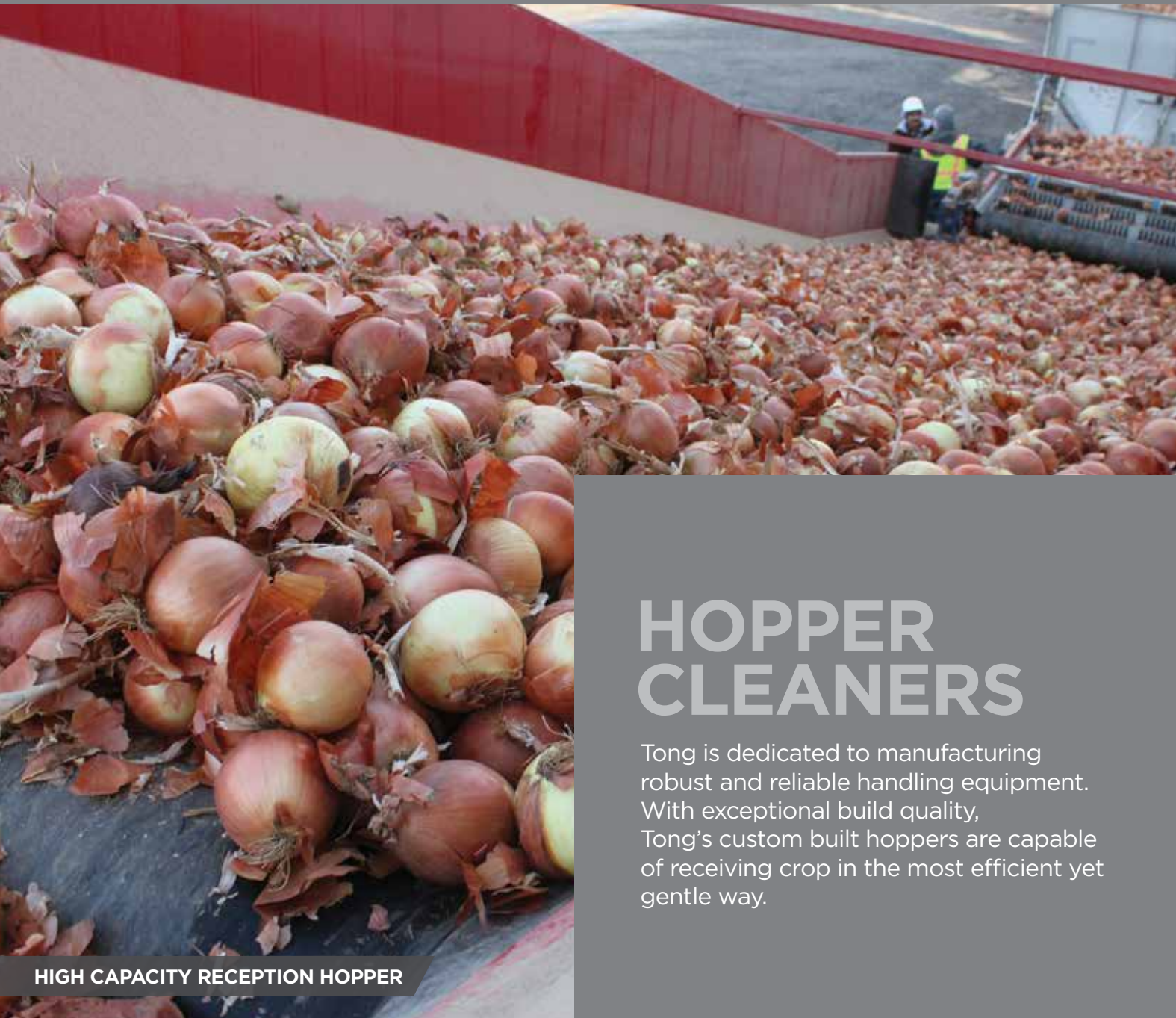
CARETAKER GRADING LINE



FOLDING SIDE COMPACT CARETAKER

CARETAKER CLASSIC





HIGH CAPACITY RECEPTION HOPPER

# HOPPER CLEANERS

Tong is dedicated to manufacturing robust and reliable handling equipment. With exceptional build quality, Tong's custom built hoppers are capable of receiving crop in the most efficient yet gentle way.



EASYSUCCESSOR WITH PU COILS

# CLEANER SEPARATORS

Our extensive range of cleaner separators offers effective removal of soil and haulm from the crop for more accurate and efficient sizing and grading. Our new generation EasyClean separator is available with HMI touch screen control for quick, easy and automatic adjustment.



HMI TOUCH SCREEN CONTROL



HOPPER CLEANER SYSTEM



RECEPTION HOPPER



STAR CLEANER



STEEL COIL CLEANER





POTATO INSPECTION & GRADING

POTATO GRADING LINE

# GRADING LINES

Tong's expert design engineers work from concept through design to create fully bespoke grading lines that incorporate all your grading needs in one complete line, utilising buildings and labour in the most efficient way.



ONION GRADING LINE

"We process between 80 and 100 tonnes of seed potatoes per day, and needed a system which could handle this volume carefully and efficiently. We purchased a complete solution from Tong, due to its reputation in the industry for creating bespoke and quality handling systems."



Robert Doig, Robert JS Doig Ltd



POTATO GRADING & BOX FILLING

POTATO GRADING LINE





VIBRATING LENGTH GRADER



SCREEN GRADER

# GRADING & SIZING

With over 80 years experience in manufacturing quality vegetable handling equipment, Tong offers an extensive range of grading and sizing equipment suitable for a wide variety of crop.



DIVERGING CHAIN GRADER



LIFT ROLLER GRADER



LIFT ROLLER GRADER

“We needed a bespoke handling line that was capable of washing, grading, inspecting and packing multiple crops. We purchased a complete system from Tong due to previous purchase experience and commitment from their local dealer alongside Tong’s ability to design a custom built system to our exact specification.”

**Christer Finne, Finne Farm**





“We worked closely with Tong to get a box tipper that does exactly what we need. The side eject box tipper allows us to keep a continuous flow of crop onto our grading line, allowing us to maintain a high throughput with minimal forklift movement and greater time efficiency”

**Glen Hamel, Kent Potato Company**

**HEAVY DUTY 160° BIG BAG & BOX TIPPER**



**150° BOX TIPPER**



**DOLAV TIPPER**

# TIPPING

Tong’s range of box and bag tipping equipment ensures consistent and efficient tipping whilst maintaining gentle handling of crop at all times. Our tippers are built with the latest tipping mechanisms for minimal maintenance and complete reliability.



**SIDE EJECT BOX TIPPER**



**HEAVY DUTY 160° BOX TIPPER**



**HEAVY DUTY 160° BIG BAG & BOX TIPPER**





MIDI EASYFILL BOX FILLER

UNIFILL BIG BAG & BOX FILLER



BIG BAG BIN

SELF TIP SKIP



CASCADE BIG BAG FILLER

# FILLING

From big bag filling bins to fully automated big bag and box fillers, Tong's innovative range of filling equipment offers efficient handling of your valuable crop. Our market leading EasyFill box filler features our unique doorstop belt for fast and gentle box filling.



SINGLE REVERSE TIP BOX FILLER



JETFILL BIG BAG FILLER

EASYFILL WITH DOORSTOP BELT





STAINLESS STEEL WASHLINE



ROTARY SPRAY WASHER

# WASHING EQUIPMENT

From potatoes and carrots, to parsnips, swede and more, Tong offers the complete solution to your vegetable washing needs. Our range of equipment includes efficient and effective destoning, washing, polishing and inspecting systems.



ROLLER INSPECTION TABLE

“With a number of different crop varieties to be washed, we needed a versatile machine that would allow us to immediately cool down crop on site, which helps increase shelf life. Tong’s Rotary Spray Washer was an obvious choice for us, as no other manufacturer offers a product that can do the same job.”

**Graham Thorn, Three Musketeers (3Ms)**



BARREL WASHER DISCHARGE ELEVATOR



BARREL WASHER WITH DESTONER

HYDROCOOLING SYSTEMS





RISE & FALL HOPPER



VEGETABLE TRIMMING



CABBAGE BLOWING SYSTEMS

# PACKHOUSE SOLUTIONS

Tong offers a complete solution to your packhouse needs. From concept design to manufacture and installation Tong works to your exact requirements to achieve a packing system that saves money, time and labour.



PACKING LINES



COMPLETE PACKHOUSE SOLUTIONS



ROLLER TRACKING SYSTEMS

“As we process a wide variety of crop we need to be able to sort high volumes relatively quickly. The equipment supplied by Tong has increased efficiency of our grading and washing processes and allows us to grade and wash up to 15 tonnes per hour. We’ve certainly noticed the benefits.”

**Ian Anderson, Preva Produce**





WEIGH CONVEYOR



1025 WEIGHER



FULLY AUTOMATIC CARTON SYSTEM



MAF ONEWAY



2507 WEIGHER & ROLLER TRACKING

# WEIGHING

Tong's range of weighing equipment offers a robust and reliable solution to your weighing and bagging requirements, using the latest weighing technology for efficient and accurate results.



# MAF RODA

MAF Roda specialise in technically advanced weight grading and optical sizing equipment which is designed to offer an accurate and reliable grading system that can be fully integrated into Tong handling systems.



2520 WEIGHER



2520 WEIGHER WITH TOTAL BAG CONTROL (TBC)



MAF ONEWAY



MAF POMONE OPTICAL SIZING





TRIPLE EASYGRADE SCREEN MODULE

STEEL GRADING SCREENS

ANAEROBIC DIGESTION INFEEED SOLUTIONS

# GRADING SCREENS

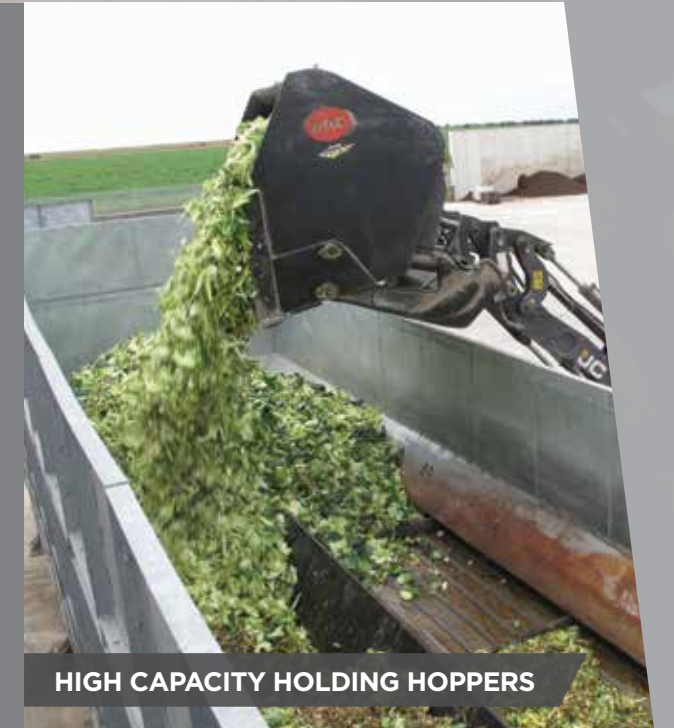
Tong is Europe's largest manufacturer of grading screens. Designed and manufactured with the most accurate and gentle handling in mind, Tong's grading screens take care of your crop.



HEXAGONAL SCREEN ASSEMBLY

# WASTE RECYCLING

From custom built anaerobic digestion infeed and handling solutions to trommels and screening units, Tong manufactures a wide range of recycling equipment, offering increased profitability with efficient energy from waste and recycling systems.



HIGH CAPACITY HOLDING HOPPERS



GRADING SCREEN PRODUCTION



SINGLE EASYGRADE SCREEN MODULE



STAR SCREEN SEPARATING



HOPPER TEASER SYSTEM





**TONG**

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