

stainless steel designs



natural casing machinery

CASING CLEANING EQUIPMENT, BY PRODUCTS EQUIPMENT

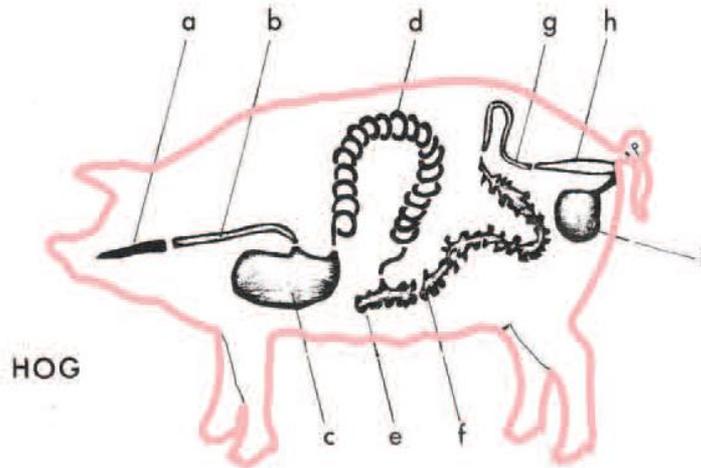
All Casing cleaning machinery referred to in the price list have mainframe components (castings) produced from AISI 304 grade Stainless Steel, any variation to this will be the higher grade AISI 316.

Driving gears are a mix of poly acetyl and carbon steel heat treated for corrosion and wear resistance, axle shafts are treated in the same manner. Guarding is provided for rollers, gears and other moving components and where guards are easily removable security switches are provided. The basic equipment price includes for direct on line starting low voltage control panels can be provided if required to suit individual applications.

SSD casing cleaning equipment is designed to process the small intestine of the animal stated this is also referred to as the Gut, runner or casing. References to manure are in fact to the waste food content of the gut present in the gut at the time of kill. Reference to fresh casings mean cleaning the casing "fresh" shortly after kill. Collected casings mean casings that are shipped from the slaughter house to a separate cleaning plant for cleaning some time later. In such instances the manure content must be removed with a manure stripping machine as listed on page one immediately after kill and before shipment occurs.



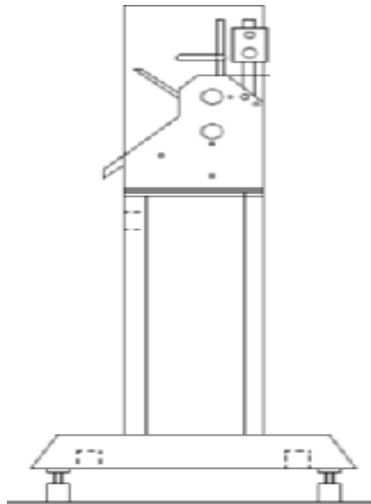
SSD Natural Hog Casing Cleaning Machine table



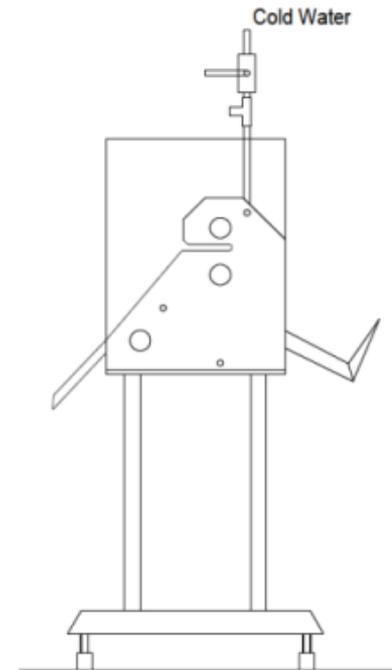
- a) Tongue
- b) Gullet
- c) Stomach or Maw
- d) Hog Casing - 18 metres approx.
- e) Bung - 40cm
- f) Chitterling - 2 metres approx.
- g) Afterend - 1 metre
- h) Fatend - 1 metre approx.
- i) Bladder

HIGH DUTY MANURE STRIPPING MACHINES IN STAINLESS STEEL.

The SSD range of high duty manure stripping machines are intended for removing the manure (waste food) content from the small intestine of Hog, sheep/goat and cattle shortly after kill. Capacities stated are based on the runners being fed approximately at the runner centre into the machine evenly and consistently.



| Roller Size |
|-------------|
| 400mm |
| 400mm HD |
| 600mm |
| 600mm HD |
| 800mm |
| 1000mm |
| 1200mm |
| 1500mm |



LOW CAPACITY HOG GUT CLEANING LINES

The SSD2/400HS Gut cleaning system comprises one Tongue feed Stripper Crusher machine, a Finishing machine, Stainless Steel support/soak tank and finished casing tank.

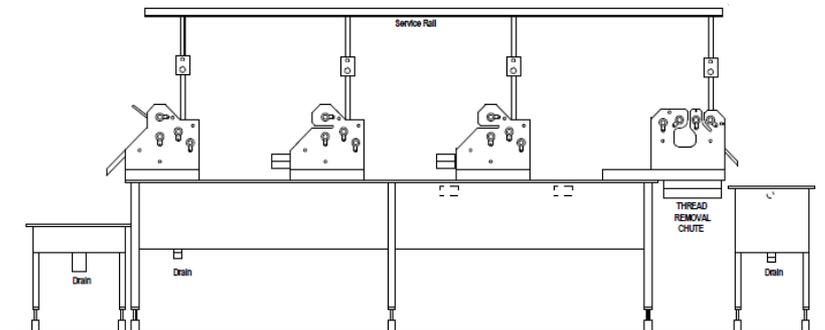
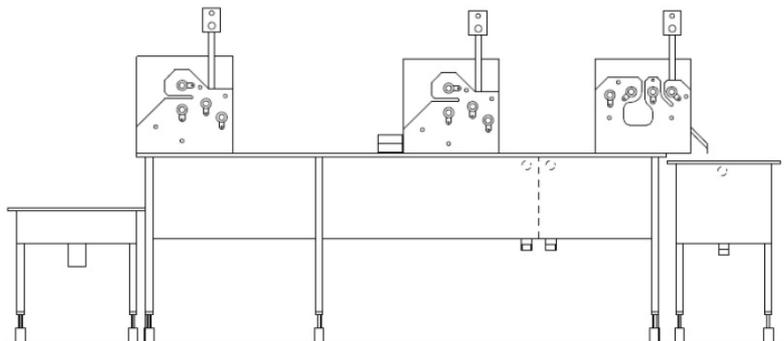
This system is ideally suited for the small processor typically cleaning 200 Hog or sheep casings per day. Suitable for use either in the slaughter house or at a factory some distance from the slaughter house. In either event the runners must be manure stripped at the time of kill either with the Stripper crusher machine which is supplied with the system, or a manure stripping machine (see page 1.).

The necessary further strip/crush operations are again then carried out on the stripper crusher machine with the casings being allowed to soak in water between stages, (further detail on request).

The SSD3 machine Gut cleaning system comprises of Two Stripper crushers in the line.

The SSD4 machine Gut cleaning system comprises of Three Stripper crushers in the line.

| Line Type. | Roller Length mm | Line Capacity Per hour. |
|--|------------------|-------------------------|
| SSD2/400H | 400 | 60 |
| SSD3/400H | 400 | 90 |
| SSD4/400H | 400 | 120 |
| Hot Water Recycling Units for use with SSD casing cleaning lines and steam reheat. | | |



The extra Stripper crushers supplied in the Casing line each have one function to perform. Therefore, the manual handling time and capacity increases with additional machines.

LOW CAPACITY HOG GUT CLEANING LINES

The SSD2/600HS Gut cleaning system comprises one Tongue feed Stripper Crusher machine, a Finishing machine, Stainless Steel support/soak tank and finished casing tank.

This system is ideally suited for the small processor typically cleaning 200 Hog or sheep casings per day. Suitable for use either in the slaughter house or at a factory some distance from the slaughter house. In either event the runners must be manure stripped at the time of kill either with the Stripper crusher machine which is supplied with the system, or a manure stripping machine (see page 1.).

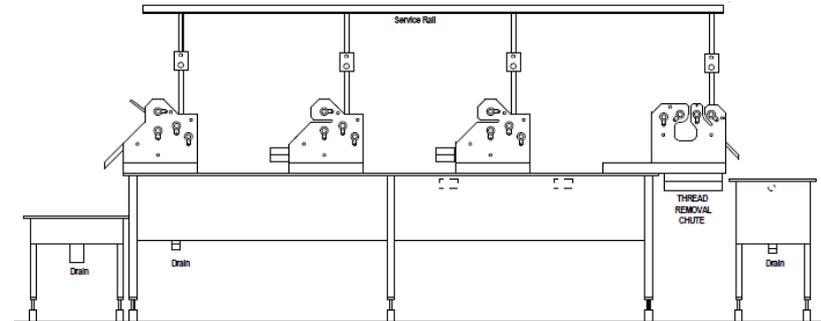
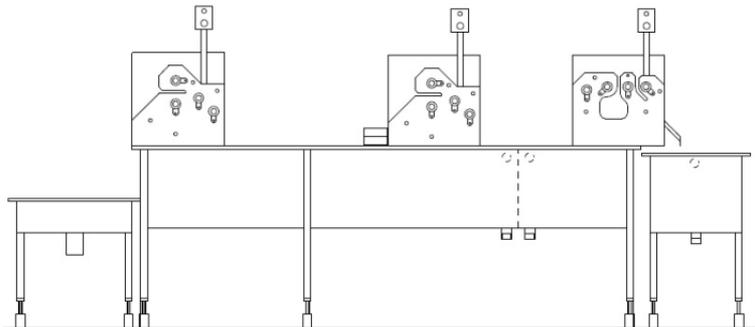
The necessary further strip/crush operations are again then carried out on the stripper crusher machine with the casings being allowed to soak in water between stages, (further detail on request).

The SSD3 machine Gut cleaning system comprises of Two Stripper crushers in the line.

The SSD4 machine Gut cleaning system comprises of Three Stripper crushers in the line.

| Line Type. | Roller Length mm | Line Capacity Per hour. |
|------------|------------------|-------------------------|
| SSD3/600H | 600 | 180 |
| SSD4/600H | 600 | 240 |

Hot Water Recycling Units for use with SSD casing cleaning lines and steam reheat.



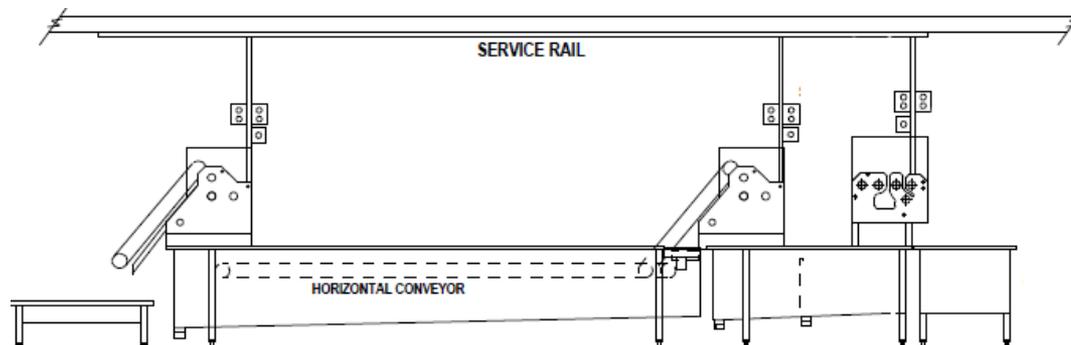
The extra Stripper crushers supplied in the Casing line each have one function to perform. Therefore, the manual handling time and capacity increases with additional machines.

HIGH DUTY FRESH HOG GUT CLEANING SYSTEMS IN STAINLESS STEEL

The SSD/3H range of Hog Gut cleaning systems comprises two Automatic Feed Stripper Crusher machines, one finishing machine, Stainless Steel support/soak tanks along with receiving tray and finished casing tank.

Processing the casings shortly after kill, fresh, the SSD 3/H range will produce a quality sausage casing from the Hog small intestine. Capacities stated are based on the runners being fed into the system at a point approximately at the centre of the runner along its length evenly and consistently. Capacities are also based on the live weight of the animal being 70-80kg, the intestines of larger animals may be processed on any of the SSD3/H systems but the capacities stated below may not necessarily be obtained. Quality and yield of product is dependent on the raw material being processed as soon as possible after kill and before the material has cooled. This point must be considered when designing any gut transportation system to transport the viscera from the slaughter hall to the SSD/H cleaning line. Equipment for separating the runner from the viscera is not included with the standard SSD3/H Gut cleaning line.

| Line Type. | Roller Length mm | Line Capacity Per hour. |
|------------|------------------|-------------------------|
| SSD3/600H | 600 | 200 |
| SSD3/800H | 800 | 300 |
| SSD3/1000H | 1000 | 400 |
| SSD3/1200H | 1200 | 500 |
| SSD3/1500H | 1500 | 600 |

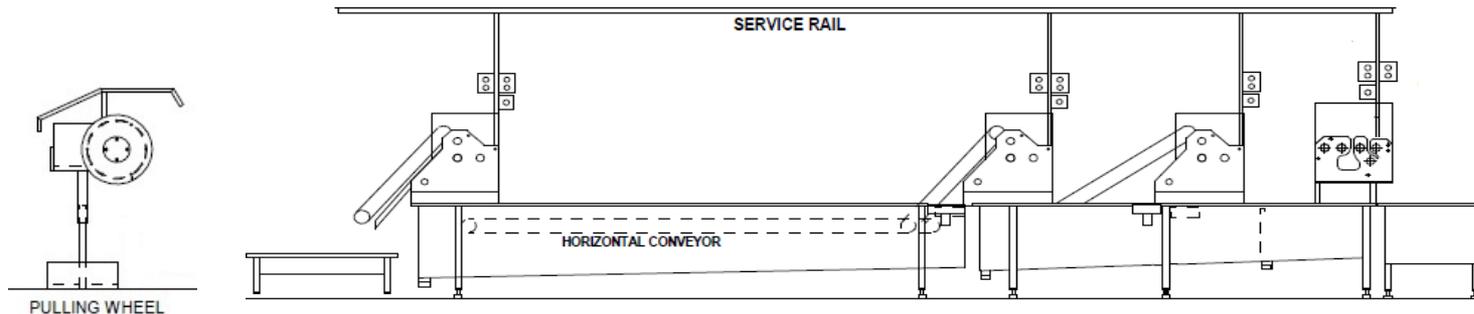


HIGH DUTY FRESH HOG GUT CLEANING SYSTEMS IN STAINLESS STEEL

The SSD/4H range of Hog Gut cleaning systems comprises three Automatic Feed Stripper Crusher machines, one finishing machine, Stainless Steel support/soak tanks along with receiving tray and finished casing tank.

Processing the casings shortly after kill (fresh), the SSD 4/H range will produce a quality sausage casing from the Hog small intestine. Capacities stated are based on the runners being fed into the system at a point approximately at the centre of the runner along its length evenly and consistently. Capacities are also based on the live weight of the animal being 70-80kg, the intestines of larger animals may be processed on any of the SSD4/H systems but the capacities stated below may not necessarily be obtained. Quality and yield of product is dependent on the raw material being processed as soon as possible after kill and before the material has cooled. This point must be considered when designing any gut transportation system to transport the viscera from the slaughter hall to the SSD/4H cleaning line. Equipment for separating the runner from the viscera is not included with the standard SSD4/H Gut cleaning line.

| Line Type. | Roller Length mm | Line Capacity Per hour. |
|------------|------------------|-------------------------|
| SSD4/600H | 600 | 240 |
| SSD4/800H | 800 | 360 |
| SSD4/1000H | 1000 | 480 |
| SSD4/1200H | 1200 | 600 |
| SSD4/1500H | 1500 | 750 |

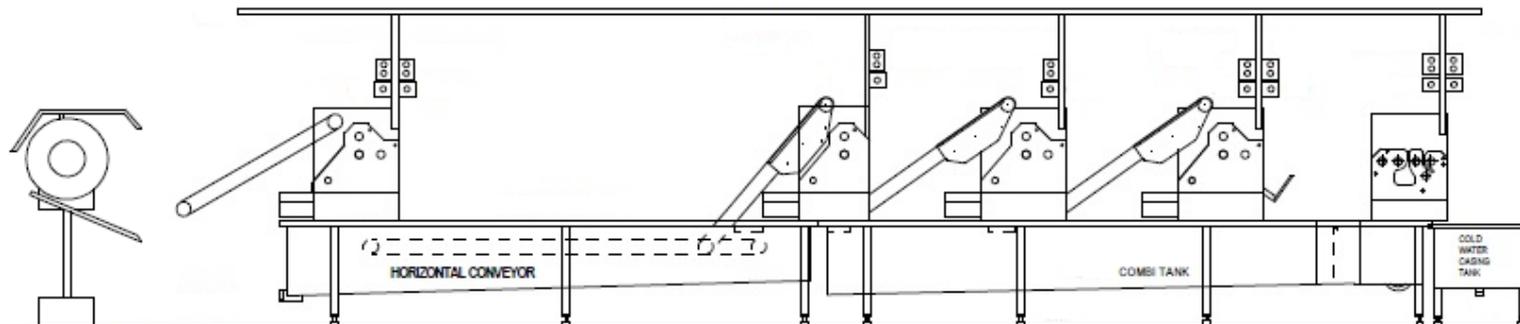


HIGH DUTY FRESH HOG GUT CLEANING SYSTEMS IN STAINLESS STEEL

The SSD5/H range of Hog Gut cleaning systems are used in applications where the runners are anticipated to be large and heavy and/or contains worms and none organic debris, stones etc. The system comprises one Automatic Feed Manure Stripping machine, three Automatic Feed Stripper Crusher machines, one finishing machine, Stainless Steel support/soak tanks along with receiving tray and finished casing tank.

Processing the casings shortly after kill (fresh), the SSD5/H range will produce a quality sausage casing from the hog small intestine. Capacities stated are based on the runners being fed into the system at a point approximately at the centre of the runner along its length evenly and consistently. Capacities are also based on the live weight of the animal being 70-80kg, the intestines of larger animals may be processed on any of the SSD5/H systems but the capacities stated below may not necessarily be obtained. Quality and yield of product is dependent on the raw material being processed as soon as possible after kill and before the material has cooled. This point must be considered when designing any Gut blowing system to transport the Viscera from the slaughter hall to the SSD5/H cleaning line. Equipment for separating the runner from the Viscera is not included with the standard SSD5/H Gut cleaning line.

| Line Type. | Roller Length mm | Line Capacity Per hour. |
|------------|------------------|-------------------------|
| SSD5/600H | 600 | 300 |
| SSD5/800H | 800 | 440 |
| SSD5/1000H | 1000 | 560 |
| SSD5/1200H | 1200 | 660 |
| SSD5/1500H | 1500 | 900 |



MISCELLANEOUS EQUIPMENT

| | |
|--|---|
| Cold Water Recycling Units for use with SSD finishing machines. | Hot Water Recycling Units for use with SSD casing cleaning lines and steam reheat. |
| 400mm | 400mm line |
| 600mm | 600mm line |
| 800mm | 800mm line |
| 1000mm | 1000mm line |
| 1200mm | 1200mm line |
| 1500mm | 1500mm line |
| 24V Control Panel | Central Greasing System |
| 2 machine | 2 Machine |
| 3 Machine | 3 Machine |
| 4 Machine | 4 Machine |
| 5 Machine | 5 Machine |
| | |
| Casing Pulling Wheel. 350 ^Ø | Green curved Casing knife |
| Casing Pulling Wheel. 450 ^Ø | Casing Hand Knife) L/H or R/H |
| Casing Pulling Wheel 550 ^Ø | Casing Hand Knife) Plain |
| 600mm De Blooding Machine | Gut Wrap Up Removal Knife |
| 800mm De Blooding Machine | JT1 Blade for Knife |
| Casing Spooling Machine | Plastic Insert for Knife |
| Casing salting and bundling machine. | Salting/Netting Table |
| Selecting Table | Selecting Valve |
| Salting and netting machine | Slitter Blades |