

®

**WAM® Inc.**

WAMGROUP

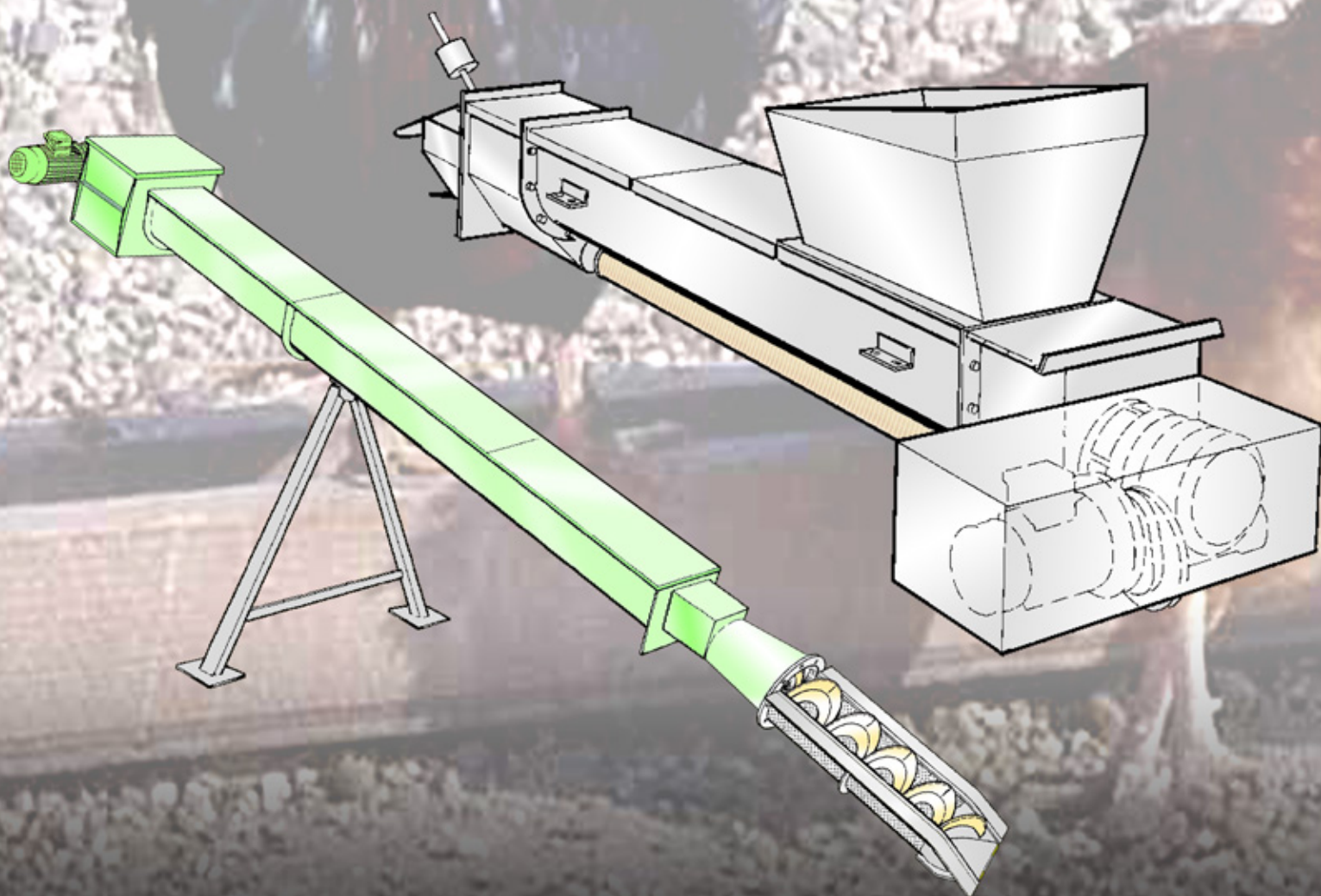
Introduces to the United States the

**POULTSCREEN**

and

**POULTPRESS**

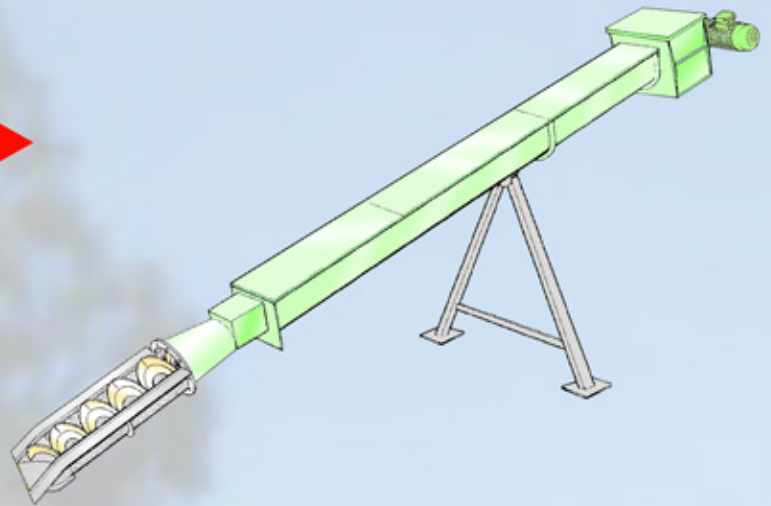
Poultry Solids Dewatering System





# INSIDE THE PROCESS

The **POULTSCREEN** was designed for in-channel installation to receive the wastewater directly from the poultry processing plant.



The **Shaftless Spiral Screw** in the inlet screening area is equipped with brushes that constantly keep the inside of the trapezoidal screen clean.

The **.02" wide openings** in the special **SS wedge wire screen** resist plugging by the feathers.





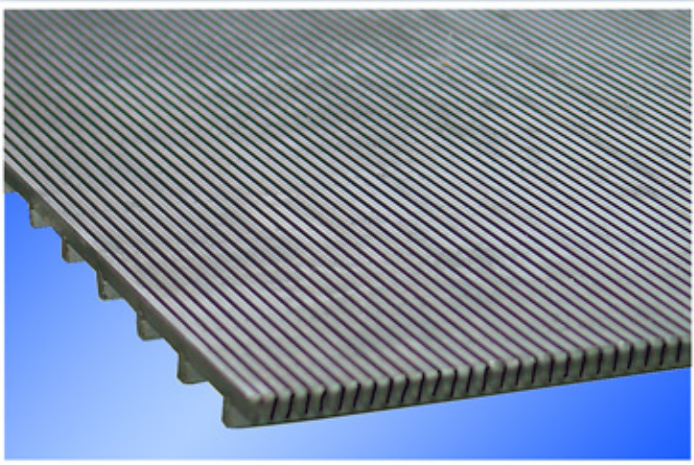


◀ The solids travel up an inclined U-trough by means of shaftless screw while continually draining water back into the collection reservoir.

One GE/T 700 unit can dewater the feathers from approximately 27 tons per hour, live weight of chickens.



◀ The small openings in the wedge wire screen, allow very little solids particles to enter the effluent water, eliminating the need for secondary screening.



From the POULTSCREEN the partially dehydrated solids are dropped into the POULTPRESS CPS/T360, which further dewateres them before transfer to the rendering plant.







The final solids are very dry;  
the feathers are almost fluffy  
and the offal is absent of water.

The end result is lighter truck-  
loads, with more solids and less  
water to be removed during the  
rendering operation.

FEATURE	FUNCTION	BENEFIT
All Stainless Steel Construction	Long Life In Tough Environment	Lower Maintenance, less Replacement Of Machinery
Lower Horsepower Requirements than Competitive Units	Reduces Power Consumption, 12.5 Hp Standard	Lower Operating Costs
Highly Efficient Dewatering	Reduces Number Of Conveyors	Simplifies Layout, Takes Less Space
Highly Efficient Dewatering	Removes More Water Than Competitive Units	Eliminates Need For Feather Dryers & Secondary Screening
Highly Efficient Dewatering	Removes More Water Than Competitive Units	Allows More Protein To Be Hauled Per Truckload
Highly Efficient Dewatering	Removes More Water Than Competitive Units	Reduces Need For Offal & Wastewater Pumps To Secondary Screening
Highly Efficient Dewatering	Trailer Drain Floors Could be Eliminated	Allows More Cargo Space In Each Trailer
No Bearings	Less Components To Maintain & Replace	Less Components To Maintain & Replace
Low Speed	Contains Water & Feathers	Cleaner Operating Area
Shaftless Screw	Conveys Without Center Pipe	No Place for Material to Wrap around and block flow
Screw Brushes	Continuously Cleans Screen	Washdown Only Recommended Once Daily
Wedgewire Screen	Resists Plugging By Feathers	Washdown Only Recommended Once Daily
0.02" Screen Openings	Reduces Solids Content In Effluent Water	No Need For Secondary Screening Operations

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