



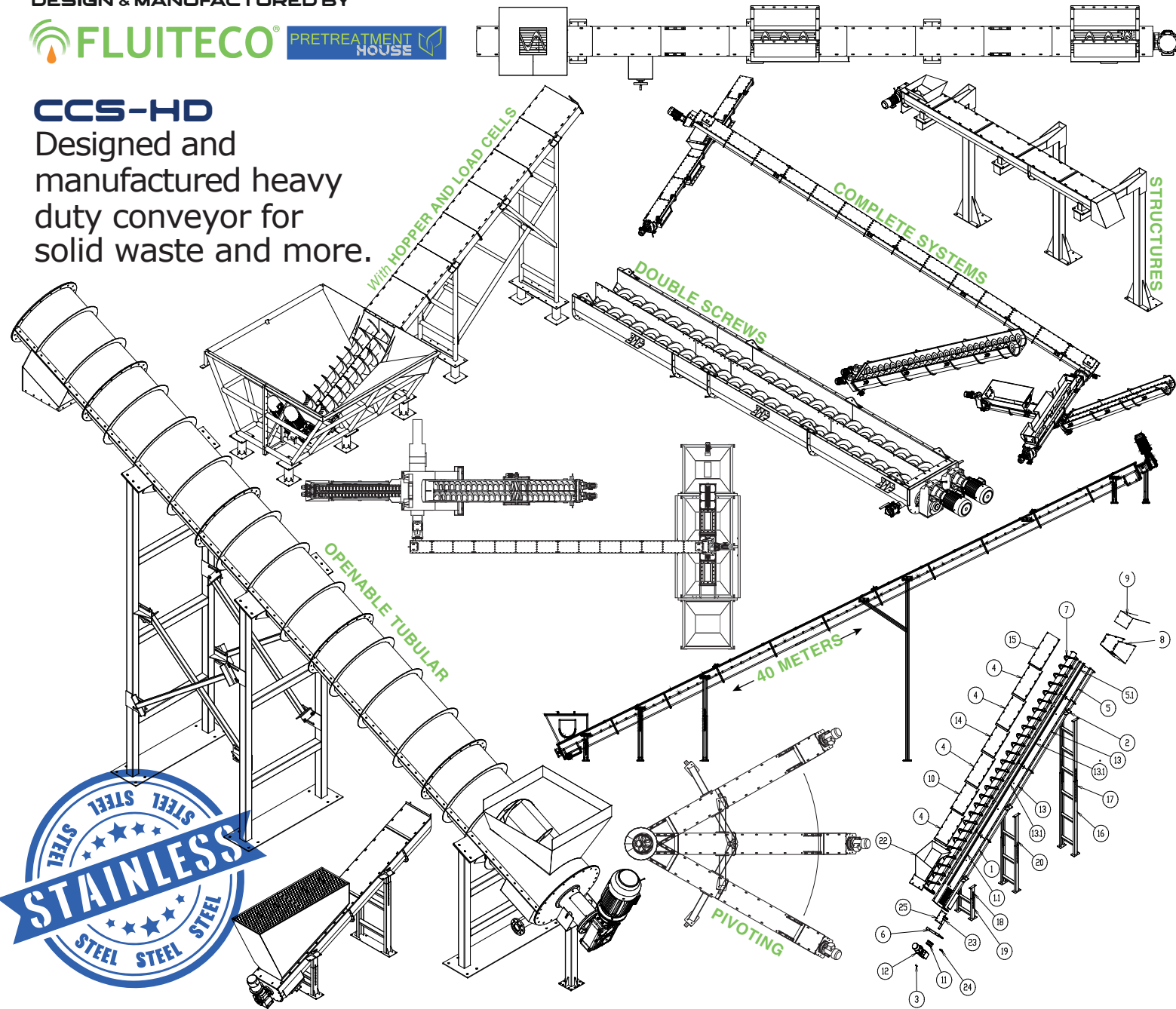
YOUR PRETREATMENT HOUSE

CCS-HD HEAVY DUTY SCREW CONVEYORS

DESIGN & MANUFACTURED BY



CCS-HD
Designed and
manufactured heavy
duty conveyor for
solid waste and more.



WHY HEAVY DUTY SCREW CONVEYORS

Heavy Duty find their purpose in industries where the main objective is to transport "complicated" products functioning 24H a day.

As of today, FLUITECO has supplied hundreds of Heavy Duty conveyors in: -
 - slaughterhouses
 - transporting solid waste
 - paper factories
 - perforation industries.



DESIGNED FOR COMPLICATED PRODUCTS

Fluiteco's conveyors are specifically designed for the transport of "complicated" products, heterogenous materials and substances (solids, semi-liquids and liquid). The conveyor is produced to reduce at the minimum the existing contact between the external trough and the screw, with in mind the objective of lifting both solids and liquids with the same efficiency. The screw is made with great thickness and a wheel on a liner bottom that could be composed of HDPE with high molecular density, or stainless steel/hardox plates.

FEATURES



The screw does not have any bottom/intermediate supports, as such this permits the construction of a single piece even for the greatest lengths (20 meters for example). The transport of liquids (water) in the configuration with the external U trough is favored by the presence of a special internal drawer side which stops the outburst of the water during the conveying. The rotation velocity of the screw is defined by our technical department based on the flowrate/length/characteristics of the products to be conveyed.

INSTALLATIONS



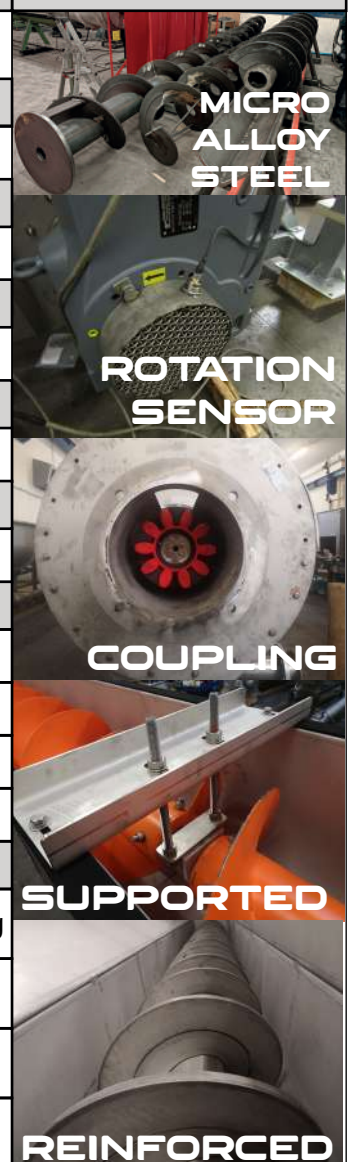
HEAVY DUTY SCREW CONVEYOR



TECHNICAL DATASHEET

Model	CCS-HD 400	CCS-HD 500	CCS-HD 600
SPIRAL DIAMETER			
ODiameter	400mm	500mm	600mm
TROUGH DIAMETER			
ODiameter	425mm	525mm	625mm
FLOWRATE			
Flow	17mc/h	24mc/h	35mc/h
MAXIMUM LENGTH			
Length	20mt	40mt	
MOTORISATIONS			
Power	7,5Kw	11Kw	15Kw
DEVICES			
Options on request	ROTATION SENSORS		
	AUTOMATIC GREASER		
	SLIDING GATE		
	FLEXIBLE COUPLING		
CONSTRUCTION MATERIALS			
Spiral	Painted Micro Alloy Steel SS304 SS316 Duplex Tungsten carbide coating		
Anti-Wear Bottom	SS304 SS316 Hardox		
Carpentry	SS304 SS316 Duplex		
Supports	Painted or Galvanized micro-alloyed steel SS304 SS316 Duplex		

OPTIONS



MICRO ALLOY STEEL

ROTATION SENSOR

COUPLING

SUPPORTED

REINFORCED

APPLICATIONS

ENERGY PULP & PAPER

FOOD WASTE MANURE

BENEFITS

High reliability
Low energy consumption
Simple & minimal maintenance