



152 & 202 Pipeliners

For Consistent Reliable Sewage Solids Disintegration



152 Pipeliner

The Haigh Pipeliner is a disintegrating device for raw sewage and sludge. It is a simple yet effective waste water conditioner and is widely acknowledged for the quality and reliability of its cutting action in reducing solids to small partials.

Screenings and fibrous materials have always caused problems for wastewater treatment plants. The Pipeliner provides excellent solutions to the disruptive, time consuming and costly problems of ragging and inconsistent particle sizes frequently associated with handling solids in wastewater treatment processes.



202 Pipeliner

Features & Benefits

Wear Compensating Cutter Mechanism

The special headstock hub assembly, which requires no adjustment, is spring loaded to maintain a constant force against the shear plate.

Back Pullout Design leaves Pipework Undisturbed

Quick onsite cutter replacement requires no plumbing disconnect. The cutters can be replaced without disturbing the mechanical seal, which rotates in an oil bath to ensure adequate cooling, lubrication and protection.

Produces a Consistent, Fine Particle Size

Other grinders shred debris into relatively large pieces that become tangled and create potential problems downstream.

Shear Plate Acts as a Screen

The pipeliner shearplate rejects potentially damaging material such as stones, large pieces of wood & metal. The Pipeliner offers maximum downstream protection from these potentially damaging materials.

Eliminates Costly Control Equipment

The Pipeliner is designed to prevent costly jamming and therefore does not require expensive, anti jamming / reversing controls.

Keep It Simple

Only 1 Mechanical Seal and 1 Cutter Assembly. Other grinders with their complex series of cutters require up to 4 mechanical seals and 4 bearings.

How does it work?



THE HEADSTOCK AND SHEARPLATE FROM A HAIGH PIPELINER

The cutters consist of a steel headstock with tungsten carbide wear blades rotating against a stationary alloy steel shear plate with a hardness of 50 to 55 Rockwell. The shear plate contains holes that allow fluid to pass through. Anything that goes through the Pipeliner must go through these holes.

Maintenance

The pipeliner's simple, yet efficient design requires very little maintenance.

With just a few standard tools, you can easily remove & replace the cutter on the Haigh Pipeliner, and be back in operation in less than an hour.

All work can be carried out on site.

A single mechanical seal is protected by oil on one side, and is recessed in the casting, shielding it from grit.



Pipeliners Models 152 & 202 - Technical Specifications

Pipeliners Model			152	202
Throughput	Raw Sewage	M3/hr	20	40
	Primary Sludge	M3/hr		20
	Digested Sludge	M3/hr		20
Shearplate Holes	Diameter		Multi	Multi
Drive Power	Min.	Kw	1.50	1.50
	Max.	Kw		2.20
Drive Speed	Min.	Rpm	960	960
	Max.	Rpm	1440	1440
Operating Pressure	Min.	Bar	-1.0	-1.0
	Max.	Bar	4.0	4.0
Weight	With Drive	Kg	77	90
	With Out Drive	Kg	52	65
Motor Specifications			D90	D90 / 100 / 112
Flange Drilling	Std Drilling to BS4504 16/11 (Din 2532 NP16) (Other Standards Available)			

Typical Installations (Allied to a separate pump)

