Twin Screw Press
P15 – P25 High pressure

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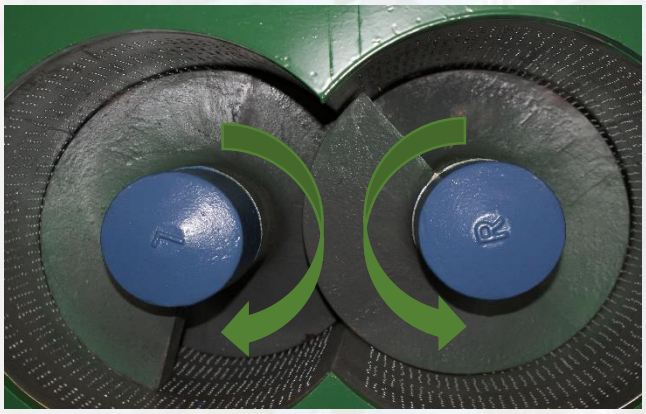
A VERY powerful screw press for extreme conditions



The way in which the Worm screws engage with each other and their internal opposing rotation prevents blockages and ensures constant kneading of the material under pressure. The result is uniformly pressed output with a high level of dry matter. Because no screw bearings are mounted at the outlet, blockage-free output is ensured.

The extremely strong construction and shape of the screws facilitate fast induction of material at the inlet, and the gradual minor increase in screw thread gives increased pressure in the actual pressing zone. This ensures a high degree of pressing. The screws can be welded when worn to restore full thickness.

The filter has round holes and is reinforced for long service life. The holes are conical, to prevent material trapped from blocking them. Filters with 3 and 4 mm openings are available as standard.

The inlet is fitted with a heavy duty grating for rapid draining of fluids. The considerable increase in screw threads ensures a high level of fill capacity.

The hydraulic backstop can easily be removed for service

Simple, well-proven technology

The hydraulic backstop is fitted with a double-action cylinder, which adapts counter pressure automatically according to the material passing through. The result is uniform pressing of all materials.

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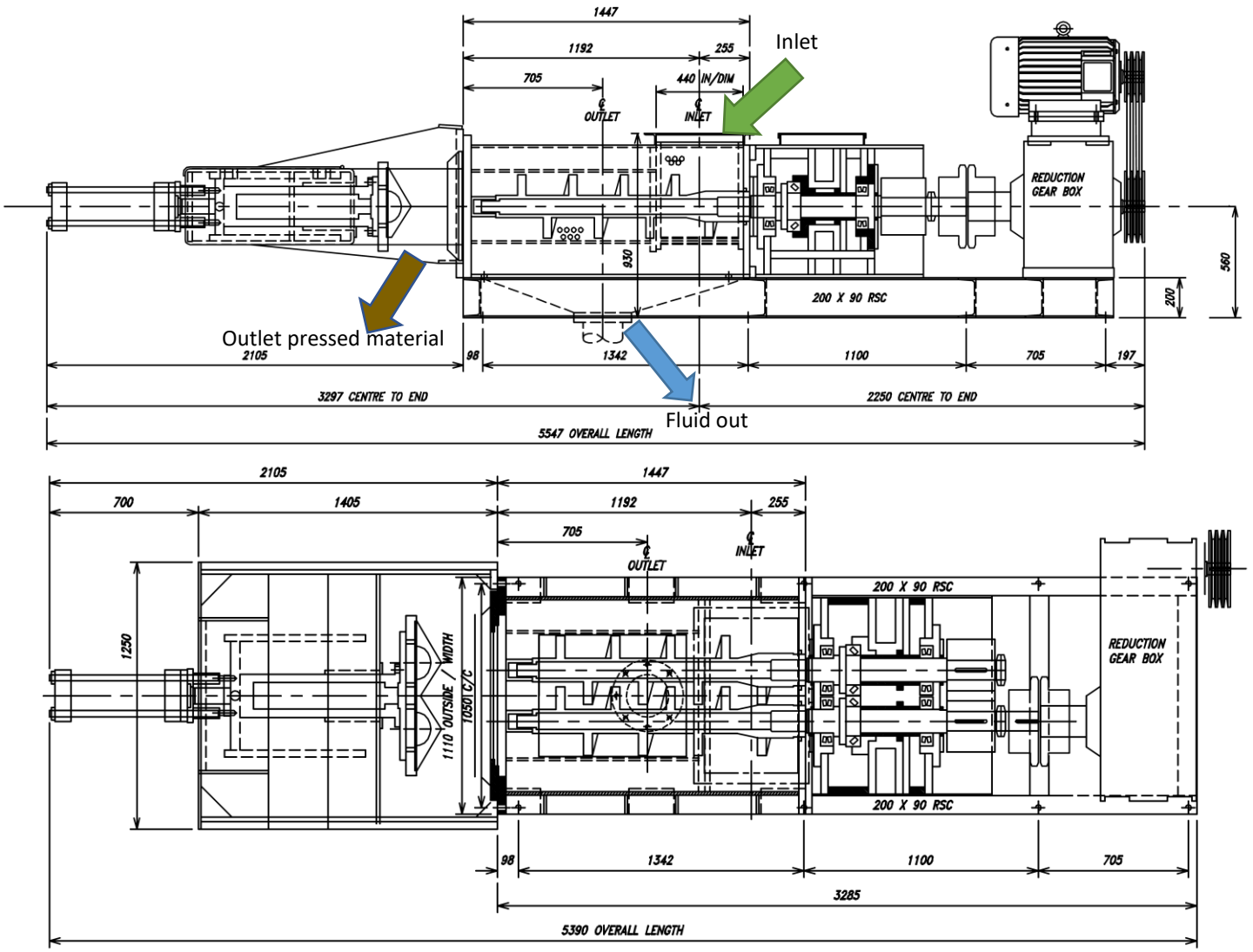
Result of separation of degassed biomass

	Dry matter DM	Loss on ignition	Total-N	Ammonium-N	Phosphor	Potassium	Sulphur	Weight distribution	
Fraction	%	%	kg/tonne	kg/tonne	kg/tonne	kg/tonne	kg/tonne	kg	%
Degassed slurry	5.0%	3.8%	2.95	1.40	0.47	2.16	0.26	25,575	100%
Fluid from Börger	3.2%	2.3%	2.78	1.71	0.43	2.16	0.20	23,333	91%
Fibre from Börger	27.1%	25.0%	4.28	1.34	0.80	1.92	0.69	2,242	9%
Fluid from Twin Screw	2.7%	2.1%	2.42	1.76	0.28	2.07	0.15	1,020	4%
Fibre from Twin Screw	**46.0%**	42.9%	5.59	1.27	1.17	1.92	1.13	1,222	5%

Twin Screw Press comes in two sizes, P15 and P25



The Twin Screw Press is fitted with an automatically-controlled hydraulic backstop to ensure uniform dry matter.

- Capacity: **P15** 4 – 10 m3 input per hour. **P25** 8 – 20 m3 per hour.
- Dry matter in input material: > 14% DM (must not be fluid)
- **Dry matter in pressed material: 45 – 55% DM (in biomass)**
- Press screw speed: 10 – 18 rpm.
- Torque moment on gear: 74,000 Nm.
- Motor: 20/45 kW 1450 rpm. (depending on job)

* *all performance will be individual, depending on input*

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The Twin Screw Press can press almost anything

45 – 55%
Dry matter in Biomass

Cans with content, grass, plastic waste, fibre from biogas plant, leftover products, refuse etc.

Mobile test plant makes it possible to test the efficiency of the Twin Press at the customer's premises.

Twin Press has been developed over 20 years, and is in use all over the world

Import and sales in Europe:
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