

Vecoplan®



VECOPLAN BAG OPENER – EXTREMELY STRONG AND YET GENTLE AND ENERGY-EFFICIENT

The VSA 250 T is the robust, low maintenance Vecoplan bag opener (VSA) with a very high throughput capacity. For recycling companies, this latest development offers an extremely energy-efficient and material-friendly processing of rubbish bags.

You name it,
we solve it!

PROCESSING OF UP TO 65 TONNES OF RUBBISH BAGS PER HOUR

The bag opener is used to open rubbish bags from plastics. The special design allows the bags to be torn open gently without shredding their contents. Thus the downstream processes are provided with material easy to sort. This procedure can even be guaranteed with bag-in-bag material, which frequently arises when Yellow Bags (part

of the German waste collection system for "Green Dot" products) are collected. As the cutting frame and the rotors are interchangeable, maintenance work like reinforcing welding work can be conducted safely and ergonomically outside the machine. This significantly reduces the downtime of the plant.

INPUT

- Yellow Bags
- light-weight packagings (LVP)
- domestic waste

OUTPUT

- opened rubbish bags for downstream sorting
- pre-shredded hard plastics, e.g. buckets or similar material for effective sorting
- homogenisation and dosing of the material flow for the downstream process



STATE-OF-THE-ART VECOPLAN® TECHNOLOGY

For the new VSA component Vecoplan® has combined almost 50 years of experience, expertise and engineering in shredding technology.

The machine is excellently equipped and benefits from many smart features for the bag opening.

The HiTorc® drive and the interchangeable cutting system (consisting of rotor and cutting frame) are modules that are exclusively available from Vecoplan®.

For your sorting process you will benefit from clever solutions of significant competitive advantage.



PATENTED HITORC® DRIVE

- frequency-controlled, powerful high-torque motor
- motor power: 2 × 82 kW
- optimised starting currents, efficiency and torque
- start-up with filled machine possible
- considerably reduced power peaks in the shredding process
- energy savings of up to 60 % compared to conventional drives
- as a gearless drive, virtually maintenance-free and noiseless



ROTOR

- rotor diameter: 850 mm
- number of tools: 7 off per rotor
- tools with mounted wear plates



CUTTING FRAME

- interchangeable
- mounted wear plates

ENJOY THE BENEFITS!

Vecoplan® and the VSA 250 T are just what you need for opening bags within your sorting system. Make the most of the advantages: The solid design, patented technology, as well as enhanced main-

tenance and servicing ensure maximum reliability and availability. You will achieve the best value with constant high output at minimal expense.



TECHNICAL DETAILS		VSA 250 T
inlet cross section	mm	2.525 × 2.050
rotor dimensions	mm	850 × 2.515
rotor weight	t	2
rotor speed	rpm	10 – 55
cutting frame		1-piece
weight approx.	t	21
number of tools	off	2 x 7
motor power	kw	2 × 82
throughput capacity	t/h	10 – 65



VECOPLAN AG
 Vor der Bitz 10
 56470 Bad Marienberg | Germany
 Tel.: +49 (0) 2661.62 67-0
 Fax: +49 (0) 2661.62 67-70
 welcome@vecoplan.de
 www.vecoplan.de



You name it,
 we solve it!