

# PUSH & PULL ROD DISCHARGERS

TECHNOLOGY FOR A SUSTAINABLE TOMORROW



Storing



## APPLICATION

For the conveyance of free-flowing materials, such as sawdust, shavings and wood chips, etc.

The Vecoplan push/pull rod dischargers comprise hydraulically operated push/pull rods that move reciprocally across the floor of the bunker. If an upstream extraction device is activated, a hydraulic system automatically initiates a slow backwards and forwards reciprocal movement of several adjacent push rods. During this process, the special profile of the carriers transports the bulk material into an extraction device located at the end (one side undercuts the bulk material in the direction of the end of the bunker, the other side conveys the bulk material in the direction of the extraction device). Material from the silo is dosed in the required amounts by the discharge conveyor, or the push/pull rods themselves. The hydraulic cylinders of a pull rod discharger are mounted at the discharge point, whereas the hydraulic cylinders of a push rod discharger are mounted in the silo at the rear (opposite the discharge point).

**Vecoplan**<sup>®</sup>

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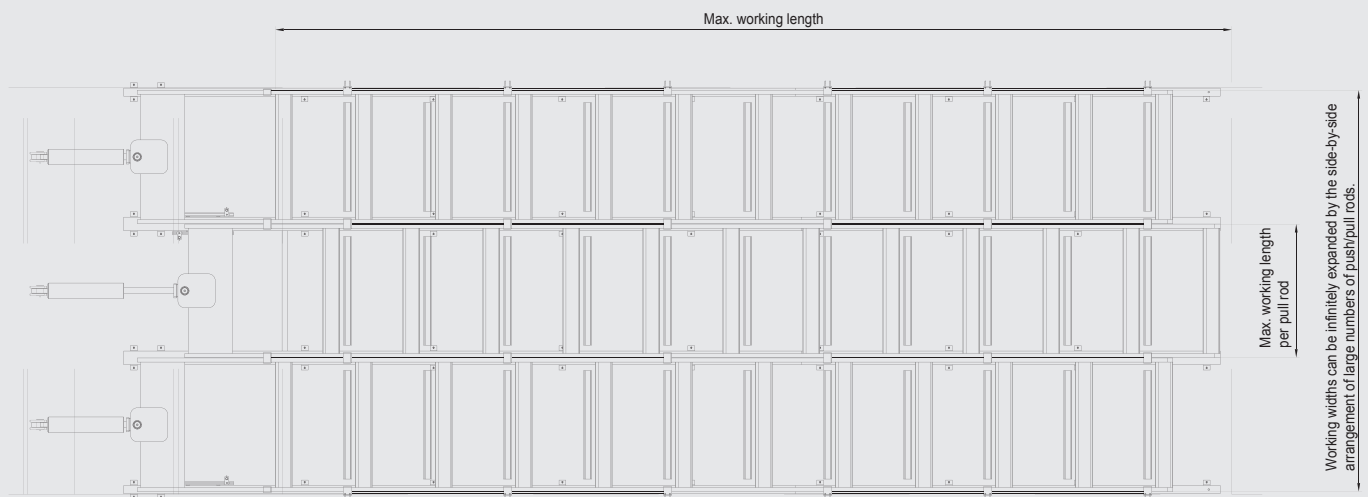
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Example

## TYPE II



## DETAILS

		Type I	Type II	Type III	Type IV	Type V
Trafficable		-	X	X	X	X
Single-bar version		X	-	X	-	-
Ladder frame version		-	X	-	X	X
Max. working length	m	17	17	20	22	22
Max. working width per pull rod	m	2	2	2	2	2
Transmission of cylinder forces into silo base		-	-	-	X	X
Cylinder type: 140/70/700		X	X	X	X	X
Cylinder type: 200/90/900		X	X	X	X	X
Operating pressure	bar	210	210	210	210	210
Motor power	kW	4 - 75	4 - 75	4 - 75	4 - 75	4 - 75
Conveying capacity	m <sup>3</sup> /h	250 *	250 *	250 *	250 *	250 *

Subject to technical changes without notice / Dated: 05/2010

\* Depending on silo width and hydraulic motor power