



SELFLOADING SUPERSCREEN

LAURINI

SELFLOADING PADDING MACHINES



SUPERPADDER

The **SELFLOADING SUPERSCREEN** and **SUPERPADDER** are screening machines designed for large pipeline projects where daily progress is crucial. These machines are suitable for regular grounds and come equipped with an **adjustable-speed retractable conveyor belt** and a **hydraulic deflector** to manage the flow and direction of padding material into trenches. An optional **rear waste conveyor belt** removes the waste material, leaving a "waste-free" ground. Additionally, they can be equipped with a **shifting cabin** with air conditioning for enhanced operator comfort.



The **SUPERPADDER** is the largest model in Laurini's range of vibrating screens, with a **capacity** of up to **400 m³/h** of fine material. With a **7 m² screening surface** and a **3.6 m wide loading mouth**, it's ideal for large projects. The remote control allows the operator to safely manage the input and output material from a safe distance, with perfect visibility.

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TECHNICAL DATA

	SELFLOADING SUPERSCREEN	SUPERPADER
STANDING MESH OPENING	5 mm - 80 mm	5 mm - 80 mm
MAX SIZE ENTRY MATERIAL	400 mm	400 mm
MAX OPERATING SLOPE	20°	20°
MAX OUTPUT	280 m ³ /h*	400 m ³ /h*
TRAVEL SPEED	0-4 Km/h	0-4 Km/h
WORKING SPEED	0-2 Km/h	0-2 Km/h
TOTAL WEIGHT	34.000 Kg	40.000 Kg
SHIPPING DIMENSIONS	12 m x 3,0 m x 3,5 m	12 m x 3,7 m x 3,5 m
ENGINE	CATERPILLAR	CATERPILLAR
MODEL	C9 ACERT - TIER III or TIER IV	C9 ACERT - TIER III or TIER IV
POWER	330 Hp (240 Kw) @2000 rpm	410 Hp (306 Kw) @2000 rpm
DISPLACEMENT	8,8 l	8,8 l
MAIN PUMPS	DANFOSS	DANFOSS
MAX OPERATING PRESSURE	400 bar	400 bar
FUEL TANK	380 l	380 l
HYDRAULIC OIL TANK	350 l	450 l
OPERATING VOLTAGE	24 V	24 V
CAPACITY	2 batteries x 120 Ah	2 batteries x 95 Ah
ALTERNATOR	60 A	60 A

**Output with dry material in optimal conditions*



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