

SUPPORTING EQUIPMENT

BedMaster EL411



Key words: Elematic BedMaster EL411, dispatcher, bed cleaning, bed oiling, strand pulling



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1. Introduction

The Elematic BedMaster EL411 is a machine to do all the work needed in-between castings. It is used for cleaning the casting bed, oiling the bed and pulling the prestressing strands from the strand containers to the passive end. BedMaster can also be used for cleaning the gutter between the beds. Suits both for extruder and slipformer lines.

1.1. Advantages

Due to powerful motor and robust structure it is fast and powerful enough to factories with many casting beds.

HEALTHIER WORKING ENVIRONMENT

- minimizes dust and harm

VERSATILE CLEANING FACILITIES

- brush, scraper, water feeding, waste container (and aspirator)

USER FRIENDLY

- The operation desk is designed simple to use. The cleaning functions are covered to avoid harmful dust in the operation area. All other functions are also covered to avoid danger.

EASY TO MAINTAIN

EFFICIENT AND ENDURING

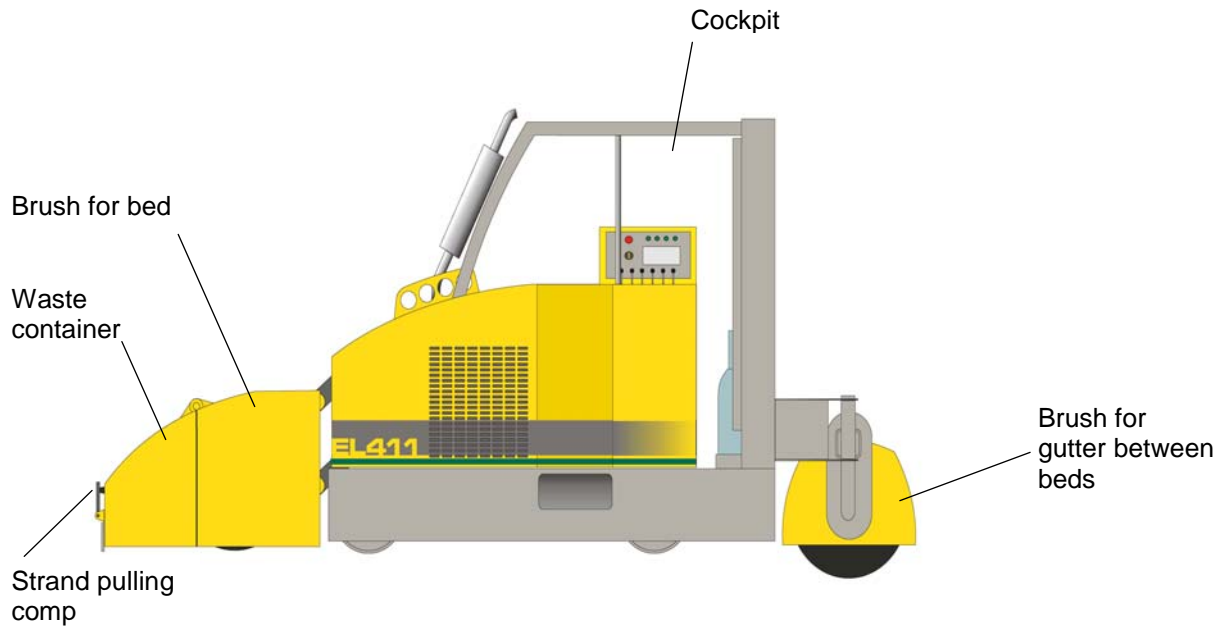
- strand pulling speed 30 m/min
- oiling speed 60 m/min

1.2. General data

- cleans the casting bed
- pulls the prestressing strands from the strand containers to the passive end
- oils the casting bed
- operations are hydraulic and controlled by valves
- pulling beam for prestressing strands
- container for waste concrete, tiltable
- bed surface scrapers
- oil paddle for bed oiling
- travels on the side rails of the casting bed

2. Key features

The EL411 cleans the casting bed after a ready hollow-core slab has been removed. It sprays water onto the bed and works through it with a brush and a wiper, thoroughly removing all dirt. This directly affects the surface quality of the next slab, as there is nothing left on the bed, which could make the surface uneven. Attached to the EL411 is a handy tip-over waste container. The machine is also equipped with a new type of gutter brush that can be shifted from side to side.



3. Product components

The BedMaster EL411 includes: brush for bed, strand pulling components, waste container, brush for gutter between beds, cockpit

4. Technical data

BedMaster EL411

Free traveling speed	1.25 m/s	Brush diameter	700 mm	Length	4210 mm
Brushing/ strand pulling speed	0.5/ m/s	Brush width	1300 mm	Weight approx.	5300 kg
Oiling speed (appr.)	1/ m/s	Height	2300 mm	LPG engine	33 kW
Oil tank volume	60 l	Width	1600 mm		
Water tank volume	50 l				
Clearance under dispatcher	150 mm				

5. Additional information



brush for bed



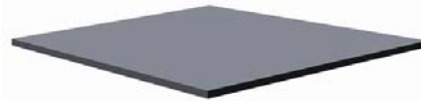
gutter brush



gutter brush



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