

Motorized pre-roller

Different products for different needs

2020 has brought many new challenges due to the Covid pandemic and it is harder than ever for companies to stay competitive. Therefore optimizing your production efficiency in a socially distanced work-environment is paramount. Production needs to be well-managed and choosing the right product to improve your efficiency is the key. EAS is here to help you choose the suitable product for your needs.

EAS' motorized pre-rollers are the economical alternative to die change tables or cars. A time-saving and accident-free change of dies in places difficult to access. EAS' motorized pre roller will help you to reduce your changeover time. Reducing changeover time enables you to be more flexible in production volumes, and to perform changes with less staff. With a motorized pre roller you will not only get the fastest changeover time and the most flexibility in production volumes, but you will also be able to reduce your production lot sizes and improve in the production flow.

What is it?

An assortment of pre-rollers allows a simpler horizontal loading and unloading of the tool into vertical presses and injection molding machine with sideways mold change. EAS offers you a wide range of EPR pre-rollers, available for different tool weights and sizes :

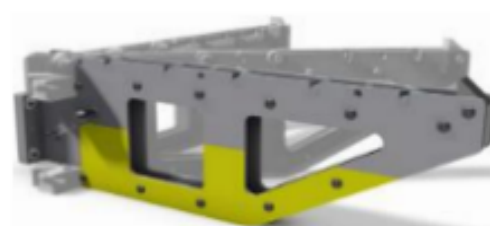
EPR: fixed suspended;



EPRB: fixed bridged;



EPRS: swivel;





EPRM: Motorized version of EPRB;



The EAS pre-rollers extend the side opening of a machine to enable a quick and safe horizontal manual mold or die transfer. Always mounted as a set, EAS pre-rollers are equipped with needle roller bearings with hardened steel surfaces to offer a high load capacity. The die or mold is loaded onto the pre-rollers with the help of a cart, forklift or crane.

The EPRM is the motorized version and allows for easy handling of heavier tools. With its electrically driven motor, you will be able to pull and push the die in/out the machine without efforts. EAS' motorized pre roller can be used on several presses and is also available for different die weights and sizes.

EPRM or Table : which one in which situation?

If you're looking for :	If you're looking for :
<ul style="list-style-type: none"> ✓ Low cost in relation to table ✓ Lower cost for light molds in relation to table ✓ Easy removable from press ✓ Press is accessible at the location of the EPRM ✓ Low transfer height possible (which occurs with vertical presses) possible ✓ possible to load the die from forklift. ✓ EPRM up to 25T are competitive in terms of cost. Above DCT is certainly more cost effective. 	<ul style="list-style-type: none"> ✓ Stable solution for variety of molds ✓ More safety, cab be all guarded ✓ Possibility for Pre-Heating ✓ Standardized interface with press ✓ Table can be accessible ✓ For all weights
 Then you need the EPRM	 Then you need the Table

EPR versions capacity

Pre-roller version	Load capacity (kN)	Die travel length					
		500 mm	800 mm	1000 mm	1250 mm	1600 mm	2000 mm
Fixed Suspended	5	EPR-500	EPR-800	EPR-1000			
	10	EPR-500	EPR-800	EPR-1000			
	20		EPR-800	EPR-1000	EPR-1250		
	40		EPR-800	EPR-1000	EPR-1250		
Swivel	10	EPRS-500	EPRS-800	EPRS-1000			
	20		EPRS-800	EPRS-1000	EPRS-1250		
	40		EPRS-800	EPRS-1000	EPRS-1250		
	60		EPRS-800	EPRS-1000	EPRS-1250		
Fixed Bridge	40			EPRB-1000	EPRB-1250	EPRB-1600	
	60				EPRB-1250	EPRB-1600	EPRB-2000
	80				EPRB-1250	EPRB-1600	EPRB-2000
	100				EPRB-1250	EPRB-1600	EPRB-2000
	120						EPRB-2000
	150						EPRB-2000
Motorized	40				EPRM-1250		
	60					EPRM-1600	
	80					EPRM-1600	
	120						EPRM-2000
	150						EPRM-2000