

WR SERIES

STEERING ROLLERS

from  Re



MINI-ROLLER

WR-S.50

WR.50 monoroller
WR.50 monorullo

WR series steering rollers

These models are usually used on flexographic machines, in the pre-printing zone or in all those applications where the infeed section is wide (from 2 to 5 times the material width). The WR-S version, with a lower profile, is used when the height needs to be reduced.

The single-roller WR, that use a unique roller of an adequate diameter and fitted with a specific coating to increase the grip, are used in laminating systems. The compact system called MINIROLLER is designed for coating systems and has a single roller smaller than 400 mm applied on a single motorised slide.

Rulli sterzanti Serie WR

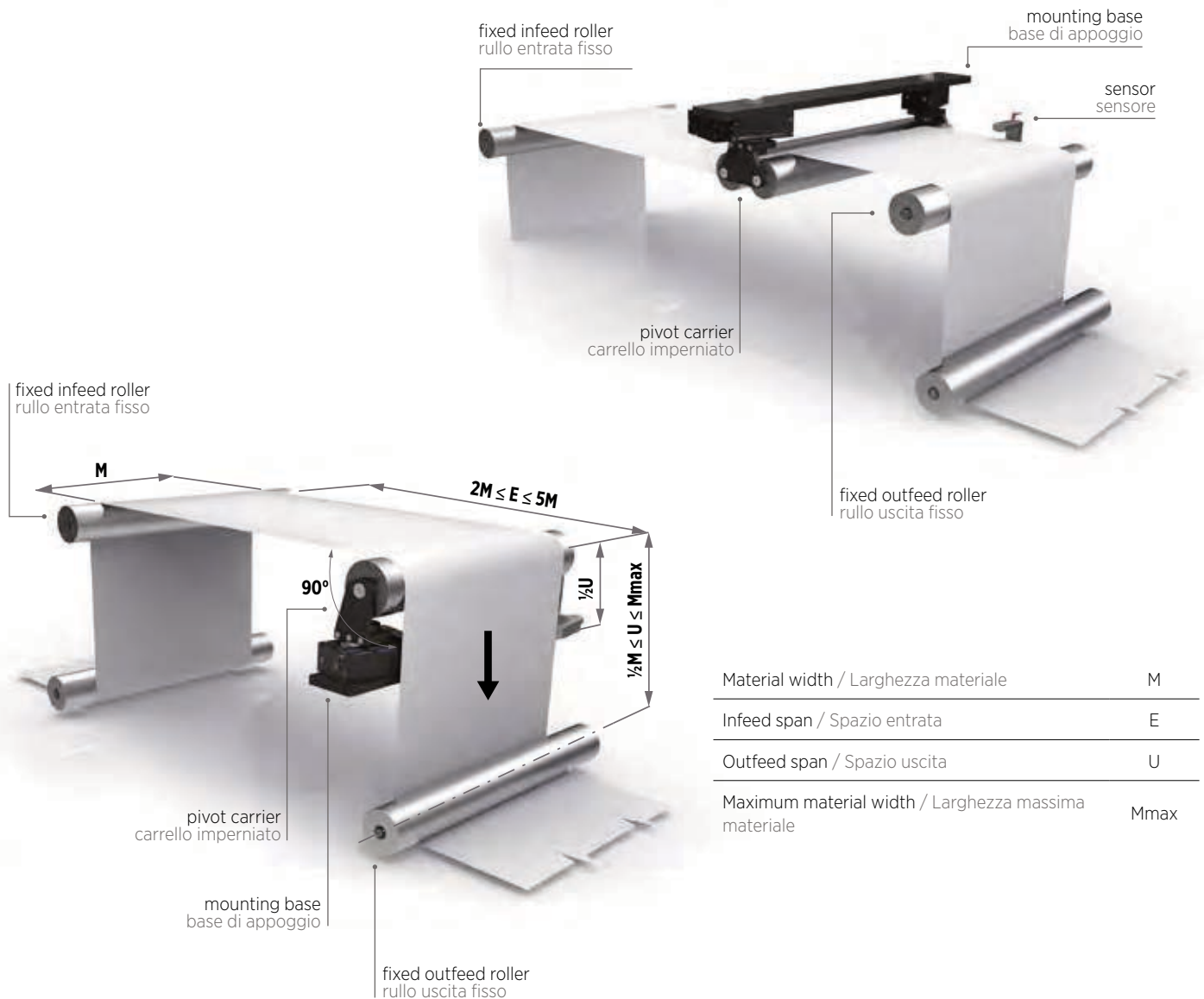
Questi modelli vengono generalmente utilizzati su macchine flessografiche, nella zona di prestampa, o in tutte quelle applicazioni dove il percorso in ingresso del materiale è ampio. Nel caso in cui sia necessario ridurre gli ingombri in altezza viene utilizzata la versione WR-S che ha un profilo ribassato.

Negli impianti di accoppiamento vengono solitamente installati i WR monorullo di diametro adatto e con rivestimento specifico in modo da incrementarne il grip. Il sistema compatto MINIROLLER, ideato per gli impianti di rivestimento, ha un singolo rullo di dimensioni inferiori a 400 mm applicato su una singola slitta motorizzata.

	MINI-ROLLER	WR.50 - WR-S.50	WR.100 - WR-S.100
Actuator/frame stroke Corsa attuatore/telaio WR	± 25 mm	± 25 mm	± 50 mm
Min-max actuator/frame Velocità attuatore/telaio min-max	4,5 - 75 mm/s	4,5 - 75 mm/s	4,5 - 75 mm/s
Roll lenght Tavola rullo	200 - 400 mm	350 - 1500 mm	1600 - 2000 mm
Max web tension Tensione max	150 N	400 N	400 N
Power supply/Absorption Aliment./Assorb.	24V / 4A	24V / 4A	24V / 4A

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TYPICAL STRAIGHT-THROUGH PATH (S-WRAP) WITH STEERING ROLLER



Material width / Larghezza materiale	M
Infeed span / Spazio entrata	E
Outfeed span / Spazio uscita	U
Maximum material width / Larghezza massima materiale	Mmax

The corrective action of the steering rollers take place on the infeed material plate. The length of the material at infeed must be calculated in relation to its own elasticity, it usually varies between 2 and 5 times the width of the web and this space increases depending on the rigidity of the material.

The material at infeed must be parallel to the web guide's base plate.

The outfeed section dimension must be included between the maximum material width (M) and its half. In the event of a single roller, as wide a contact surface as possible must be used and this is why rollers with larger diameters than normal are used.

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