



# CONVIR RBC1200/40

## RADIAL CONVEYOR



The SMA-Convir RBC1200/40 Radial Luffing Conveyor is a high quality, productive stacker, suitable for a range of applications including coal, aggregates, mulch, grain, scrap metal, or virtually any bulk material.

### CONVIR FIXED RADIAL CONVEYOR

Total Length	40m
Total lifting height	11.5m
Maximum Slope	18°
Belt width	1200mm
Belt type	EP-1000/4
Cover thickness	10 + 4mm
Safety factor	10.4
Troughing angle	35°
Transport speed	1.5 m/s

### TECHNICAL DATA

Filling degree	75.7%
Absorbed power	36.8kW
Installed power	44.8kW
Gearbox power	2 x 30kW
Service factor gearbox	1.85
Backstop	Yes
Brake	On wheels motor
<b>Drum Diameters</b>	
Drive drum/shaft	630/115mm/ Replaceable shaft
Take up/return drum	500/110mm / Replaceable shaft
Snub Drum/shaft	194/80mm
<b>Roller diameters</b>	
Upper run/shaft	108/25mm
Impact/shaft	108/25mm
Lower/shaft	108/20mm

### CONVEYOR PARTS

Gear Motor	SEW Eurodrive
Drums	Convir
Rollers	GURTEC
Roller support Idlers	Convir
Belt	Siban
Cleaning Scarpers	Remaclean HML
Take up system (screw spindle)	
Protection on return station	
Galvanised steel work structure	
Galvanised walkway on both sides with guards, handrails, grating around the driving head	
Skirtboards	
Rubber skirts of the skirtboard	
Discharge chute	
Wear resistant lining at skirtboard & chute c/w Hardox 450	
Lateral Protective guards (L - 2 x 6m)	
Rotation support frame at tail	
Rotation drive bogies hydraulic drive c/w planetary gears both sides	
Heavy duty industrial tyres 385/65-22.5/16PR HASK Hauler	
Hydraulic station 7.5kW for lifting (oil included)	
2 x Heavy duty hydraulic cylinders	

### DIMENSIONS

Weight	31300kgs approx.
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Photographs are for illustrative purposes only; some or all of the machines in the illustrations may be fitted with optional extras