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# OMNIA RZ/GU profile haul-off/guillotine

## Application

The OMNIA RZ / GU profile haul-off and guillotine has been specially developed for pulling all kinds of small, medium and large profiles. For main profiles the OMNIA RZ30/GU150 and for medium and smaller sizes of profiles the OMNIA RZ15/GU150 are ideally suited for the use in complete PVC window profile extrusion lines.

## Standard

- welded open tubular steel base frame construction
- height adjustable levelling pads
- fixed lower caterpillar
- Upper caterpillar with pneumatic height adjustment, guided with 2 cylinders and swinging for easy start up
- direct AC-singledrive for each caterpillar
- electronic synchronisation upper / lower caterpillar
- maintenance free oil impregnated chainguide made of heigh molecular PE
- quick change haul-off pads
- film protection unwinder for upper and lower profile surface
- integrated cut-off unit (guillotine)
- fully synchronized with haul-off speed via magnetic clutch
- automatic knife clamping system
- knife heating with temperature control
- fast knife changing system during production
- noise reduced execution
- dust free cutting
- Cut length is set via programmable counter, impulses are taken of the servo drive unit
- Safety guards made of impact resistant polycarbonate
- According to VDE and MSV

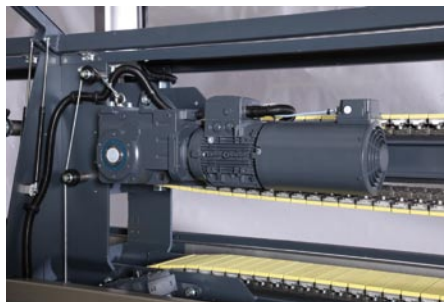
## Options

- customized haul-off pads
- OMNIA direct Profibuscontrol via Omnia XTP extruder
- OMNIA SA profile saw with 400 or 450 mm saw blade and sawdust suction unit
- guides for double extrusion according to specification
- guides for single extrusion according to specification

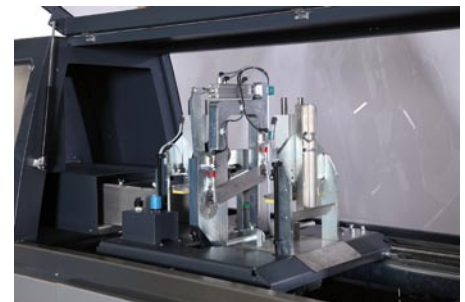
## Complete Line

The OMNIA RZ/GU Profile Haul-off/ Guillotine is one component of the complete profile extrusion line offered by High Tech Extrusion consist of:

- CON/TTS/TTM/OMNIA XTP twin screw extruder
- OMNIA KT vacuum calibration table
- OMNIA RZ/GU Profile Haul-off/Guillotine
- OMNIA KI profile collection table



AC-Direct Drive



Guillotine GU 150

# Technical Data

**OMNIA**  
RZ 15 / GU 150

**OMNIA**  
RZ 30 / GU 150

Haul-off force at 5 m/min	kN	15	30
Haul-off speed	m/min	0-10.4	0-10
Effective caterpillar contact lengths	mm	1000	2240
AC-drive	kW	2x1.1	2x2.2
Number of pads per chain ( 2x)	pcs	2x61	2x106
Width of pads	mm	240	240
Height of pads	mm	11	11
max. profile height at standard pads	mm	150	150
max. profile width at standard pads	mm	300	300
Technical data protection film unwinder			
Max. film width for upper protection	mm	210	210
Max. film width for lower protection	mm	210	210
Technical data guillotine GU			
max. profile height at standard pads	mm	100	100
max. profile width	mm	150	150
max. guillotine travel	mm	800	800
Synchronisation with magnet clutch		yes	yes
Air pressure	bar	6	6
Air consumption	NL/min	50	50
Total connection load	kW	7.3	9.5
Extrusion center line	mm	1100	1100
Weight	kg	2180	2550
Electric 3 x 400 V, 50 Hz + 0, acc. to VDE and MSV			

