



PERFECT COMPONENTS.
PERFECT SYSTEMS.

A MEMBER OF  HTI GROUP

Caterpillar Haul-Off

Haul-offs with 2 caterpillars are used for continuous haul-off of pipes and profiles in single and multi-strand extrusion.

Standard

- solid mechanic engineering and most modern electronic equipment guarantee highest capacity and reliability
- A.C. servo drive with constant haul-off force and speed
- caterpillar back pressure front/rear separately adjustable
- speed display
- lead-in rolls
- control voltage 24 V
- main functions integrated in TEC 4s control system

Options

- flat pads/pipe pads/special pads
- quick change haul-off pads
- pivoted sash
- length measuring instruments with impulse for saw cut
- metering wheel with swivel arm
- control voltage 220 V

Complete Line

- The RA caterpillar and the RAE belt haul-off are two components of a complete pipe extrusion line offered by High Tech Extrusion consisting of
- CON/TTS/TTM/OMNIA XTR twin-screw extruder
 - RK/RKS RKT Streamliner pipe head
 - DVK double-chamber-/VK vacuum spray tank
 - SB spray bath
 - RAE belt-/RA multiple caterpillar haul-off
 - TRS planetary saw
 - Socket forming machine
 - Tip table

Technical Data		RA 100/2E	RA 160/2E	RA 160/2EP	RA 240/2EP
Single pipe application, max. pipe diameter	mm	10 - 110	10 - 160	0 - 160	0 - 250
profil height/diameter	mm	0 - 100	10 - 160	0 - 160	0 - 240
Pad width	mm	100	160	160	240
Number of pads		184	180	198	224
max. width of profile	mm	150	160	220	240
Contacting length	mm	800	1200	1450	2325
Haul-off speed (the lower speed is applicable at field-attenuate operation)	m/min	0.1 - 19/30	0.1 - 14/25	0.05 - 8/14	0.05 - 6/9.5
Haul-off force (the haul-off force is applicalbe at field-attenuate operation)	N	3500/2000	10000/6500	14000/10000	30000/22000
A.C.-servo drive	kW	2 x 0.9	2 x 1.4	2 x 2.1	2 x 2.2
Length	mm	2140	2800	2980	3950
Length incl. protective pipe	mm	3140	3650	3750	4950
Width	mm	720	1200	1450	1200
Height	mm	1700	2000	2000	2000
Weight	kg	800	1200	1300	2800



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Belt Haul-Off

Belt haul-offs with 2 belts are used for continuous haul-off of pipes and profiles in single-strand extrusion.

Standard

- solid mechanic engineering and most modern electronic equipment guarantee highest capacity and reliability
- A.C. servo drive with constant haul-off force and speed
- caterpillar back pressure front/rear separately adjustable
- speed display
- control voltage 24 V
- main functions integrated in TEC 4s control system

Options

- lower caterpillar electrically height adjustable
- length measuring instruments with impulse for saw cut
- metering wheel with swivel arm
- pivoted sash
- control voltage 220 V

Technical Data		RAE 32/1E	RAE 63/1E	RAE 63/1C	RAE 300/1E	800/8E**
Pipe diameter	mm	0 - 32	0 - 63/110*	0 - 63/110*	0 - 200	160/280 - 800
Band width	mm	80	80	80	300	37
Contacting length	mm	500	850	850	1500	1450
max. profil measures (WxH)	mm	-	-	-	450 x 200	8
Haul-off speed (the lower speed is applicable at field-attenuate operation)	m/min	0.1 - 20/40	0.1 - 20/40	0.1 - 60/100	0.1 - 20/40	0.05 - 4
Haul-off force (the haul-off force is applicalbe at field-attenuate operation)	N	3500/1800	3500/1800	2000/1200	8500/5900	45000
A.C.-servo drive	kW	2 x 0.9	2 x 0.9	2 x 1.4	2 x 1.4	8 x 0.9
Length	mm	1200**	1800	1800	2570	3300
Length incl. protective pipe	mm	-	2500	2500	3770	4300
Width	mm	810	810	810	1270	2400
Height	mm	1650	1650	1650	2100	2200
Weight	kg	500	650	700	1800	4100