



BUCKET ELEVATORS - BELT

RUD's belt type bucket elevators are reinforced with either textile or steel inlays to ensure the easy transportation of conveyed material with maximum performance and efficiency.

RELIABILITY

- Quality components reduce downtime.
- Modular drive drum and lagging.
- Low wear from matched drive.
- Uniform belt loading across full drum width.

FLEXIBILITY

- High temperature rubber compositions suitable for a range of applications.
- Bucket holes cut by water jet for accurate assembly.
- Component spares packages available for retro-fit.

PRODUCTIVITY

- Automatic belt tensioner.
- Low pretension forces for maximum efficiency.

DURABILITY

- Stability in belt provides long life.
- Tensile strength of belts provide low elongation.
- Steel cross bracing provides transverse stability.

SERVICEABILITY

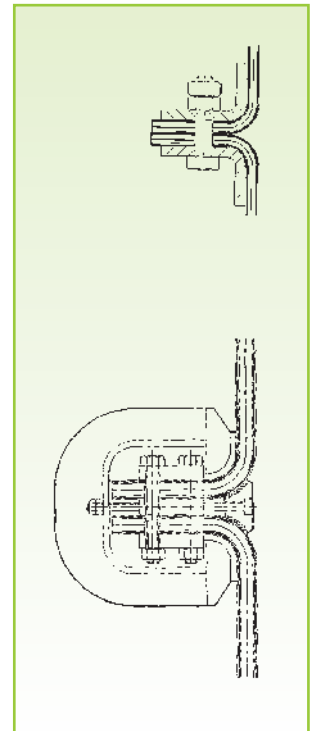
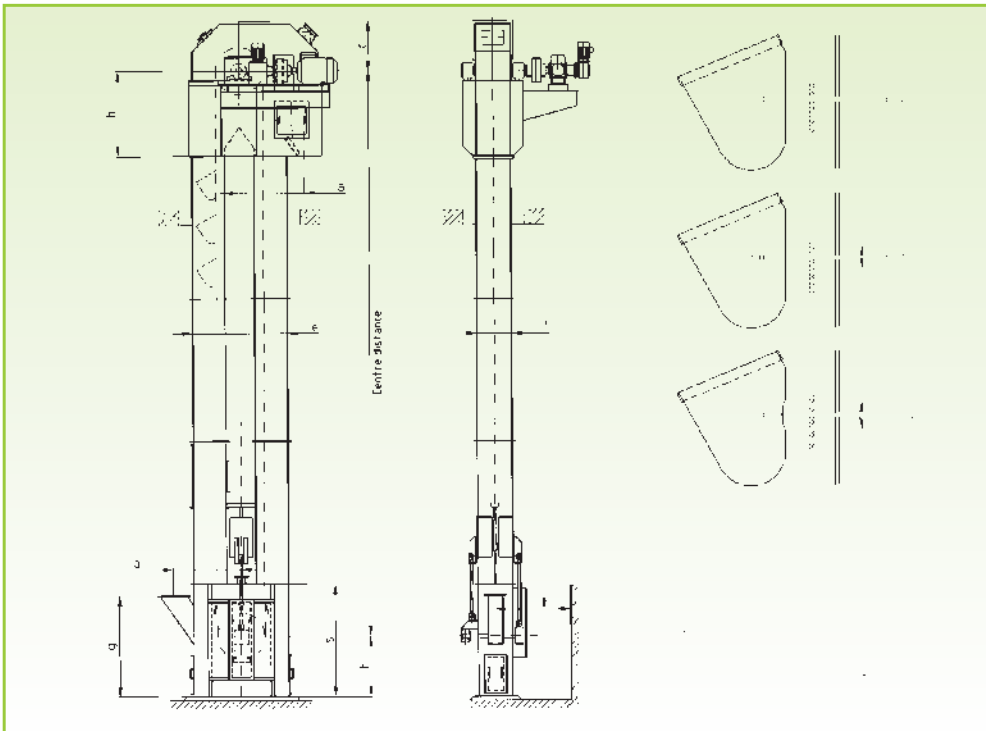
- The friction lining is easily exchangeable when worn.
- Drive drum easily installed or removed for servicing.
- Segments of drum are re-usable.
- Endless connection by hot vulcanisation or RUD clamp system.
- Access doors provide easy inspection.

**GERMAN QUALITY
AND ENGINEERING**



SUITABLE FOR USE IN A RANGE OF APPLICATIONS

- | | | | |
|-------------|---------------|--------|----------------------|
| ■ Cement | ■ Coal / Coke | ■ Salt | ■ Recycled Materials |
| ■ Limestone | ■ Potash | ■ Slag | ■ Mineral Processing |



BUCKETS FOR HIGH CAPACITY_BUCKET ELEVATORS

	Bucket DIN 15233													
	Width	mm	160	200	250	315	400	500	630	800	1000	1250	1600	
	Speed	m/s	1.05	1.05	1.15	1.15	1.20	1.20	1.34	1.34	1.48	1.48	1.48	
	Capacity	m³/h*	10	12	25	31	45	63	99	140	224	316	405	
	Bucket DIN 15234													
	Width	mm	160	200	250	315	400	500	630	800	1000	1250	1600	
	Speed	m/s	1.05	1.05	1.15	1.15	1.20	1.20	1.34	1.34	1.48	1.48	1.48	
	Capacity	m³/h*	16	20	38	48	71	101	160	225	348	490	627	
	Special bucket													
	Width	mm	160	200	250	315	400	500	630	800	1000	1250	1600	
	Speed	m/s	1.15	1.15	1.25	1.25	1.28	1.33	1.49	1.49	1.66	1.66	1.66	
	Capacity	m³/h*	25	32	56	70	105	154	246	353	512	726	930	
	High capacity bucket													
	Width	mm	160	200	250	315	400	500	630	800	1000	1250	1600	
	Speed	m/s	1.15	1.15	1.25	1.25	1.28	1.33	1.66	1.66	1.66	1.66	1.66	
	Capacity	m³/h*	27	34	64	81	134	198	321	480	652	850	1088	

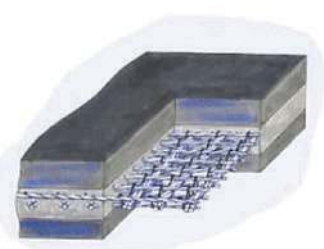
Dimensions	Bucket width	b	160	200	250	315	400	500	630	800	1000	1250	1600
	Head	a	724	724	904	904	1004	1139	1264	1410	1673	1747	1747
		c	540	540	695	695	785	875	955	1050	1320	1340	1340
		h	850	850	1050	1050	1250	1450	1600	1800	2100	2300	2300
	Housing	e	1000	1000	1250	1250	1400	1600	1800	2000	2450	2550	2550
		f	280	355	450	545	660	770	900	1110	1300	1600	2000
	Boot	a	724	724	904	904	1004	1139	1264	1410	1673	1747	1747
		g	1220	1220	1350	1350	1500	1700	1900	2100	2450	2500	2500
		t	670	670	800	800	880	970	1080	1300	1550	1550	1550
		s	1320	1320	1450	1450	1600	1800	2000	2200	2750	2750	2750
	Disassembly clearance	E	900	1000	1200	1300	1500	1600	1800	2100	2500	2900	3500

* Conveying capacity at approx. 75% fill factor

Consult a RUD specialist (via questionnaire) for optimum bucket elevator selection.

OPTIONAL EXTRAS

- Special buckets
- Motor selection
- Gearboxes
- Stainless steel options
- Spring/gravity tensioner
- Dry bearings
- Matched belts
- Bucket edge wear strip



STWC Elevator Belt