



## BUCKET ELEVATORS



**Bucket elevators made of painted steel, galvanised steel or stainless steel**

Double or single cases

**Self supporting housing**

Dismountable head and foot equipped with dust aspiration doors

**Vulcanised pulleys, return pulley with rays**

Shafts made of high resistant steel

**First quality supports and bearing**

Rubber belt or PVC belt according to the needs

**Run control, centring belt, proximity indicator, upon request**

Direct transmission through hydraulic joints or pinions and chains



ELEVATORS Mod. BSP BEL WITH STEEL AND PVC BUCKETS									
TYPE	R03	R04	R05	R06	R07	R09	R10	R12	
PULLEY (diam. mm)	300	350	500	600	700	900	1050	1250	
HOUSE (mm)	165x145	176x176	260x215	310x250	375x270	485x355	530x365	600x450	
HEAD (h. mm)	630	800	1100	1250	1400	2000	1950	2600	
FOOT (h. mm)	770	850	1200	1600	1600	2000	2250	2400	
BELT (mm)	120	140	200	250	300	350	400	530	
BUCKET (mm)	100/0,25	120/0,44	180/1,38	230/2,10	280/2,82	330/5,65	370/6,48	470/7,70	
CAPACITY 3 m/sec	27 m <sup>3</sup> /h	42 m <sup>3</sup> /h	105 m <sup>3</sup> /h	160 m <sup>3</sup> /h	210 m <sup>3</sup> /h	360 m <sup>3</sup> /h	420 m <sup>3</sup> /h	500 m <sup>3</sup> /h	
CAPACITY 2 m/sec	18 m <sup>3</sup> /h	28 m <sup>3</sup> /h	70 m <sup>3</sup> /h	105 m <sup>3</sup> /h	140 m <sup>3</sup> /h	240 m <sup>3</sup> /h	280 m <sup>3</sup> /h	330 m <sup>3</sup> /h	
POWER Nmax (kW)	5,5	7,5	15	22	30	37	45	45	
The dates in the figure are indicative and can be modified according to the number of buckets per linear meter and according to the different behaviour of the products.									

**Bucket elevators constructed by B.S. P. Engineering are employed for vertical transport of any kind of product: granular or powdered.**



**Each bucket elevator will be dimensioned from B.S.P. Engineering technical department according to the physical characteristics of the product.**

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