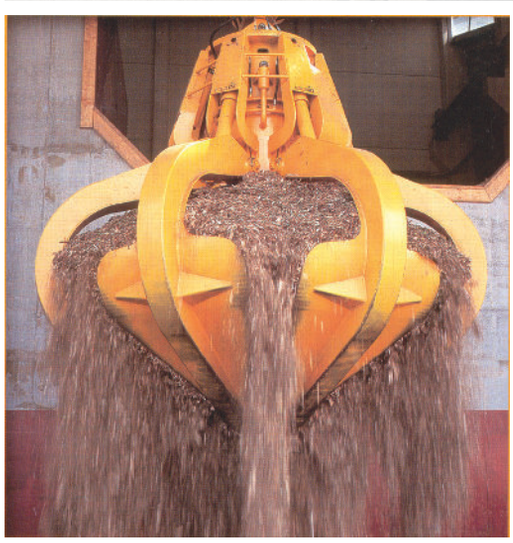
ELECTRO-HYDRAULIC ORANGE PEEL GRABS



BSV electro-hydraulic orange peel grabs are designed for use in Waste-to-Energy Plants (WTE) handling municipal waste, wood chip and similar materials. The standard range of grabs are available in volumes from 325 to 15.000 litres.

These grabs are fitted with 5, 6 or 7 arms, depending on the volume of the grab and the materials to be handled. They are offered in open, semi-open and closed models.

On standard models a solenoid directional valve ensures the grabs opens and closes quickly and smoothly. If required, grabs can be modified to operate by means of reversed motor rotation. BSV polygrabs offer a choice of automatic or manual operation.

To provide maximum strength and operational reliability, BSV electro-hydraulic polygrabbers are produced from high-strength steel from SSAB, Strenx, of which BSV is also a member. The grabs are equipped with tested and approved hydraulic components of top quality.

All BSV grabs are equipped as standard with the following:

Complete hydraulic system (including oil, pump and valves)
Multiple plug electrical connection
Electric motor (3x400 V, 50 Hz)
Tilt switch
Oil temperature switch
Oil level switch

Standard models can be modified to suit specific applications and individual customer requirements.

In addition to orange peel grabs, BSV also supply grabs for handling straw bales and a range of bucket grabs for transporting bulk materials such as wood chip, salt and similar.

BSV grab type EHP

Type	EHP 5/400	EHP 5/540	EHP 5/800	EHP 5/1000	EHP 5/1200	EHP 5/1600	EHP 5/2000	EHP 6/2500	EHP 6/3000	EHP 6/4000	EHP 6/5500	EHP 6/6300	EHP 7/8000	EHP 7/10000	EHP 7/12000
Volume Litre	400	540	800	1000	1200	1600	2000	2500	3000	4000	5500	6300	8000	10000	12000
Width, closed mm.	1350	1350	1480	1850	1900	2050	2050	2250	2500	2700	3000	3150	3270	3540	3650
Width, open mm.	1700	2100	2150	2450	2550	3050	3100	3600	3600	3950	3800	4100	4400	4850	5250
Height, closed mm.	1450	1700	1950	2040	2150	2400	2450	2600	2600	2800	3000	3100	3300	3380	3400
Height, open mm.	1300	1380	1630	1630	1700	1750	1900	1800	1800	1950	2300	2350	2370	2500	2650
Number of arms pcs.	5	5	5	5	5	5	5	6	6	6	6	6	7	7	7
Electric motor kW	5,5	5,5	7,5	7,5	7,5	11	11	11	11	11	18,5	18,5	18,5	22	22
Weight kg.,approx	800	875	1150	1950	1950	2050	2100	2750	2600	2750	4200	4500	4600	5400	6350
Max. material density ton/m³	3	3	1,5	1,2	1,2	1	1	0,8	0,8	0,8	0,8	0,8	0,6	0,6	0,6

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