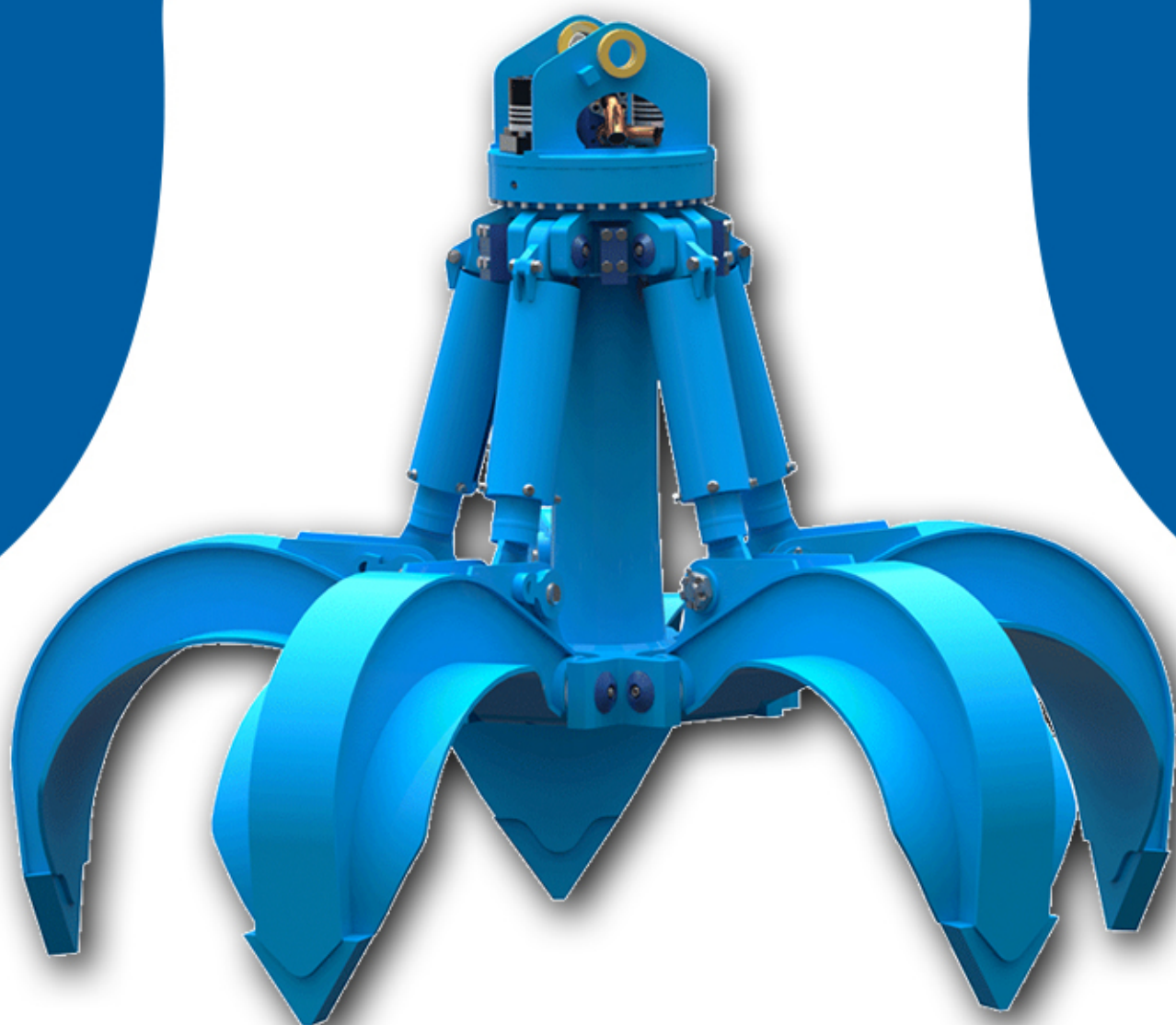




AN ISO 9001 : 2000 CERTIFIED CO.

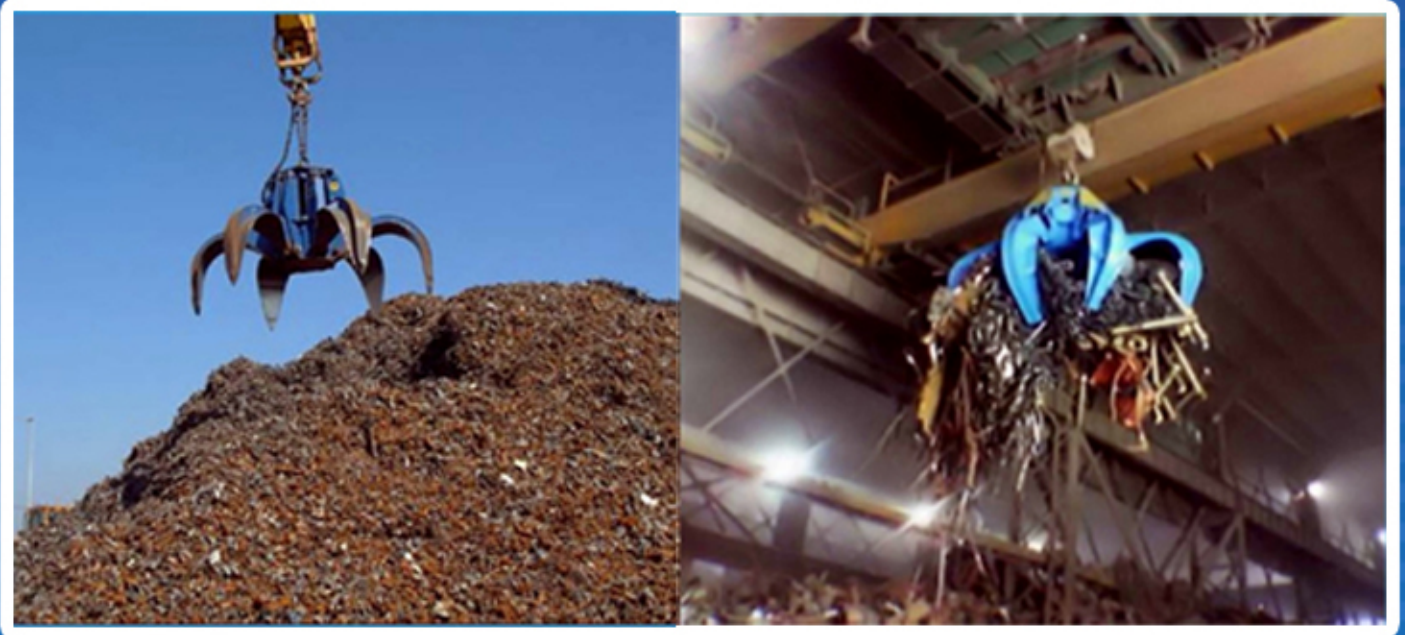
BHUPINDRA

MACHINES (P) LTD.



Electro Hydraulic
Peel Grab

Handling of Scraps, Stones, Rocks, Wastes, Industrial Residues



Benifits of Electro Hydraulic Grab Over Electromagnet

- Charges almost 4 times the volume of scrap than electromagnet.
 - Much less power consumption as compared to electromagnet of equivalent capacity.
 - No damage involved in case of electricity failure which is very problematic in case of magnet & reduces operation of EOT cranes.
 - No risk of insulation failure.
 - No risk of "duty cycle time limit" crosses over.
 - Operation can see the scrap being handled by the grab from his seat & hence can drop it conveniently.
 - Handling scrap with electromagnet on furnace platform reduces the life of platform as magnetic flux of electromagnet pulls up the reinforced steel robs inside concrete slab. This does not happen with electro-Hydraulic Grab.
- Simple Electrical RDOLstarter circuit.
- No need of isolation transformer, diodes, electronic components.
 - Excellent on measures of MTTR (Mean Time to Repair).
 - Ease of both maintenance as well as operation people.
 - Lesser dead weight then equivalent capacity of electromagnet on the cranes.



ELECTRO HYDRAULIC ORANGE PEEL GRAB

- Grab is used to unload the material on conveyors & in furnace.
- Its operation is smooth as the speed adjustment is based on cylinder opening/ closing shocks are absorbed by the cylinders.
- Due to hydraulic operation Grab has better grabbing capacity.
- Grab is designed for easy penetration in to material to enhance the efficiency.

SALIENT FEATURES

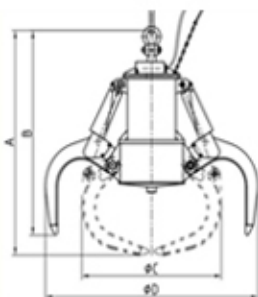
- Hydraulically controlled opening and closing.
- Controlled opening to pile up the material property in yards.
- Smooth operation, as the speed adjustment is based on cylinder opening/closing.
- Fast operation time of closing & opening, leading to fast cycle time.
- Low periodic maintenance and less downtime.
- Use of best possible different steel for high strength& lowest wear properties.
- Special penetration teeth build in anti-wear manganese steel.
- High pressure Cylinder.

APPLICATION

- For handling solid steel scrap, turning boring, shredded scarp of medium size.
- This model is not designed to handle small particles such as DRI, Sand or Coal.
- Not suitable for handling hoy material.
- Bulk Material Handling.

Type	Dimension(mm)			
	A	B	C	D
BMPL-800HG	2200	1840	1580	2620
BMPL-1000HG	2280	1910	1660	2770
BMPL-1600HG	2830	2370	1950	3350
BMPL-2000HG	2980	2480	2060	3490
BMPL-2500HG	3220	2630	2280	3930
BMPL-3200HG	3360	2710	2380	4180
BMPL-4000HG	3480	2940	2680	4220
BMPL-5000HG	3770	3010	2920	4550

TECHNICAL SPECIFICATION



Type	Power(Kw)	Self weight (kg)	The total weight of theory	Bucket capacity (m3)	Maximum working pressure(bar)	Closing Time (s)
380V50Hz/440V60Hz		380V50Hz/440V60Hz				
BMPL-800HG	18.5	2120	3.6	0.8	180	10 8.5
BMPL-1000HG	22.0	2380	4.2	1.0	180	10 8.5
BMPL-1600HG	26.0	3180	6.1	1.6	180	12 10
BMPL-2000HG	26.0	3410	7.0	2.0	180	12 10
BMPL-2500HG	35.0	3920	8.4	2.5	180	14 12
BMPL-3200HG	40.0	4220	10.0	3.2	180	14 12
BMPL-4000HG	44.0	5770	13.0	4.0	200	16 13.5
BMPL-5000HG	44.0	5960	15.0	5.0	200	16 13.5

BHUPINDRA

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