

# INDUS ORANGE PEEL GRAPPLES

SMART MATERIAL HANDLER



*Value for Money*

**MADE IN INDIA  
MAKE FOR WORLD**



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## About INDUS Orange Peel Grapple

INDUS Smart Scrap Material Handlers are most rugged with 5 tins design made from a combination of steel & Hardox plates. It comes with 360° rotation with speed controller. These Grapple are capable to handle shredded scrap, waste, steel cuttings, long structural beams, car bodies and many other materials.

The design and engineering provide stable performance with easy maintenance and repair of these grapples. These grapples are fully CAB control with many advance features. Complete hydraulic pipeline kit has been designed as per the base machine model & specs.

### INDUS OPG A Revolution in the Scrap Handling

Heavy Duty Hydraulic  
Rotor System



Uniform Heavy  
tins Designs



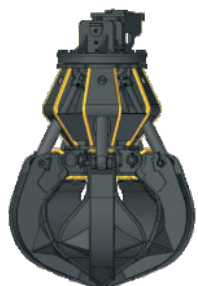
Stoppers for  
all five tins  
to restrict  
opening  
& closing



Heavy  
Duty  
Construction



Designs gives all  
5 tins uniform



Elegant Design  
top view





## Advance Features:

### High Production in Scrap & Recycling Processing

**Smart Scrap Handler :** Orange Peel Grapple is the perfect solution for material handlers in scrap yards, recycling plants, transfer stations and a smart solution for all municipal corporation, smart city for bulk garbage & waste handling. A 360° rotation system and 5-tine configuration efficiently and safely handle shredded scrap, waste, long structural beams, car bodies and many other materials.

**Maximum Penetration :** The 5 tins Indus grapppler deign gives a better angle and tip shape penetrate & work together like daggers, punching deep into the scrap pile. The grapple's high contoured centre profile further enhances penetration for a full load every time.

**Stack Higher :** Indus Orange Peel Grapples have a low profile and short overall height, allowing the operator to reach and stack higher.

**Maximize Production :** Indus Grapples deigns constructed with heavy duty cylinders and penetrating 5 tines work together securely grabbing full loads with each pick for maximum production.

**Two Models to Fit Your Application :** Indus Orange Peel Grapples come with only 5 tins in two different class of models in capacities from 0.6 -0.80 m3.

**Reduced Stick Stress :** The grapple's short overall height & optimise design reduces stress on the stick caused by swinging loads.

**Reliable Design :** The Indus gear and slew ring design have been proven in the field to be the most reliable rotational system for rotating attachments. It is a heavy duty slew ring powered by high torque low rpm hydraulic motor.

**Reduced Damage & Downtime :** Indus cylinders and hoses are located inside the grapple, protected against cutting and scoring from scrap impact. Four exposed connector lines to the machine are guarded-protecting them from damage.

**Cylinders Protected :** Mechanical tine stops protect cylinders from over-extension and permanent damage as the tips wear. Stops limit movement on both the open and close-so cylinders never move beyond their limit.

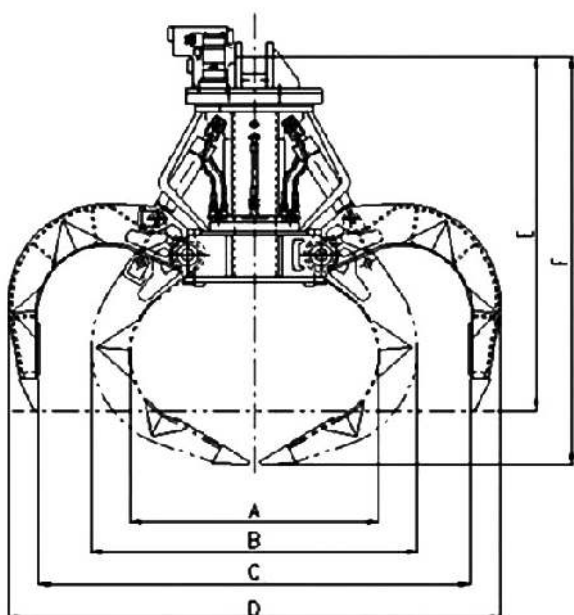
**High Abrasion Steel :** Tines tips are made from Hardox steel-formulated for high abrasion applications and resist metal-onmetal wear.

**Reinforced in Key Areas :** For increased service life high stress areas around pins and load points are reinforced with additional plating—just enough to deflect stress without adding unnecessary weight.

**Easy maintain & repair :** Rotator and motor placement allows for easy inspection & easy access, and tines are conveniently located and easy to open for inspection and routine service.

**Indus Support :** Orange Peel Grapples come with the same legendary level of support as our other INDUS products. Indus is having own tollfree helpline 1800 233 6388 & google APP to support our values customers. Indus is having Pan India sales & service network to support our valued customers back by large CWH (central warehouse) at Ahmednagar (Maharashtra)

### Specifications & Dimensions :



MODEL	IOG1805R	IOG2005R
Excavator Weight (Ton)	12 ~ 22	22 ~ 30
Unit Weight (Kg)	1280	1370
Hanger Weight (Kg)	150	150
Capacity (m3)	0.6	0.8
Max Pressure (Bar) Cylinder	240	280
Max pressure (Bar) Rotation	140	140
Working Flow (lpm) Cylinder	250	250
Working Flow (lpm) Rotation	80	80
No of Tines	5	5
Opening Length (mm)	1597	1804
Overall Length (mm)	1675	1806
A (mm)	690	975
B (mm)	1292	1285
C (mm)	1495	1804
D (mm)	1790	2030
E (mm)	1573	1566
F (mm)	1722	1806

Specifications are subject to change without prior notice.  
Selections are based on density of material & other parameters.

# Hydraulic Attachments

Various hydraulic attachments suitable for material handling like Coal, Metal Scrap, Clinker & other minerals. Demolition, Civil Construction and many more applications we can offer any customize attachments for your need.

**FOR  
SMART  
MATERIAL  
HANDLING**

**Rotation Crusher**



**Vibro Ripper**



**Rotation Shear**



**Pulveriser**



**Mechanical Crusher**



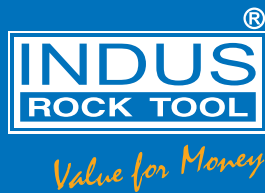
**Heavy Duty Stone Grab**



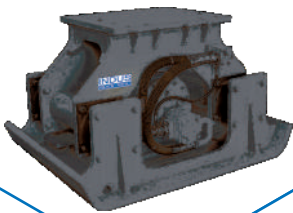
**Linkage Shear**



**Clamshell**



**Vibrating Compactor**



**Ripper**



**Quick Coupler**



**Orange Grapple**



**Bucket Crusher**



**Wood Grab**



**Bucket Screens**







## OUR OTHER PRODUCTS



**Rock Breaker**



**Clamshell**



**Bucket Crusher**

To see Working Video scan below QR Code



Manufacturer & Marketed by

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