



**COIL TONG** //





## COIL TONG

“Coil Transporting Tong” apparatus is used for lifting and transportation of metal sheets. By its double-clamped extractable and retractable claws, it gives operators ability to grab metal sheet coils within confined spaces letting operators stack these sheet coils close to each other very efficiently without losing much space. Especially, if it is used in conjunction with a “C-Hook” apparatus, this combination can yield to about 40-50% additional storage space due to the combination’s efficient space usage ability. Also, by its automated rotational motion, operators can easily and safely transport materials to their intended destinations.

### Safety Features:

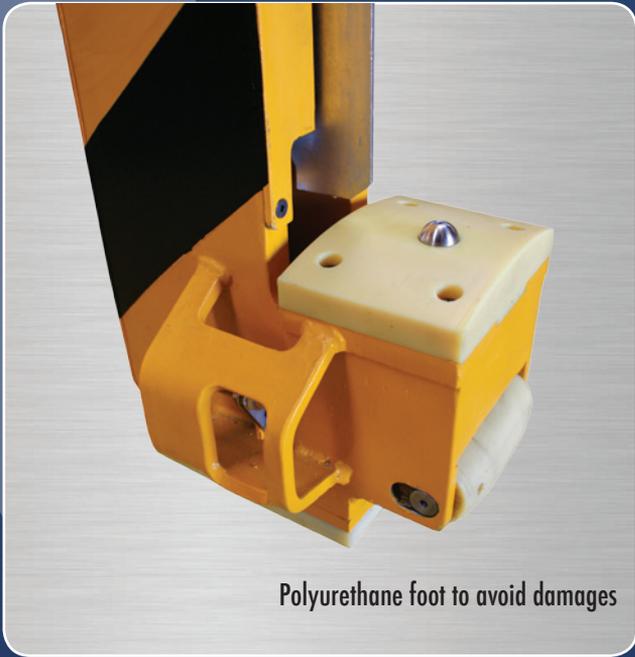
- Tong unit is mainly composed of two adjustable claws with motor-gear reducer units mounted on its weld-constructed body.
- Tong claws are moved using chain connectivity mechanism tied to a brake-motor and its gear reducer set while its motion ability is achieved by its electro-mechanical design. Meanwhile, tong unit’s protective coupling mechanism prevents damages the drive shaft may physically be exposed to.
- All of its movements; extracting, retracting and rotating, are controlled by limit switches in order to operate safely, accurately and smoothly, eliminating physical accidents and damages.
- While the loads e.g. materials such as metal sheet coils are seated in between claw nails of the tong is being lifted by the claws, driving motor of this motion gets locked by electrically controlled limit switches; preventing the jaw block from extracting/retracting and therefore providing an additional safety feature.
- Protective coupling system on the tong unit guards the claw driving motor and rotating motor against possible over-loading of these motors.

### OPTIONAL MAINTENANCE AND PARKING STATION

In order to perform an easy maintenance and service on Coil Tong unit, a 1.1 m x 1.8 m platform can be offered as an option.

A safe working area is provided on this unit by the addition of handrail guards.





Polyurethane foot to avoid damages



Polyurethane covered spring roll



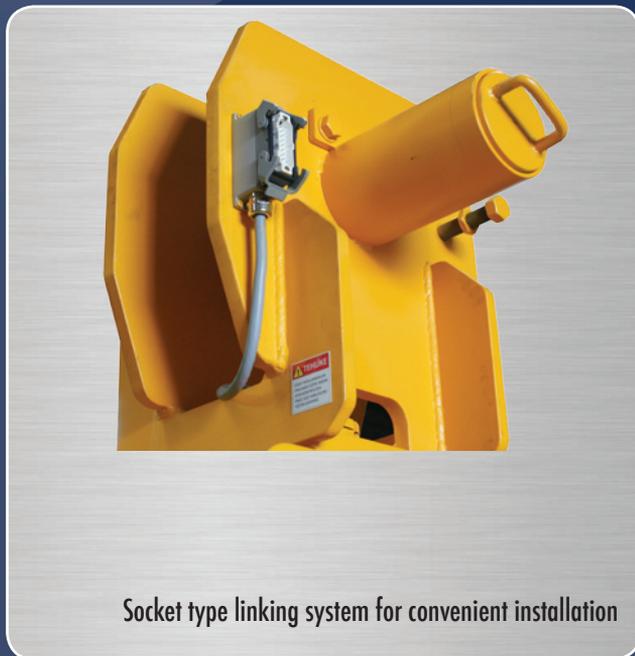
Proxy limit equipped claws



Lighting equipped warning system ensuring hoisting safety



Collision-proof motor protection



Socket type linking system for convenient installation



**GL**  
**SELECTION TABLE**

SELECTION TABLE	ATTACHED CAPACITY TABLE	
	12 TONS	20 TONS
1. LIFTING CAPACITY	12.000 kg	20.000 kg
2. MAXIMUM LIFTING HEIGHT	12.000 mm	20.000 mm
3. MAXIMUM LIFTING SPEED	12.000 mm/min	20.000 mm/min
4. MAXIMUM LIFTING TIME	12.000 sec	20.000 sec
5. MAXIMUM LIFTING DISTANCE	12.000 mm	20.000 mm
6. MAXIMUM LIFTING WEIGHT	12.000 kg	20.000 kg
7. MAXIMUM LIFTING LENGTH	12.000 mm	20.000 mm
8. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
9. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
10. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
11. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
12. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
13. MAXIMUM LIFTING VOLUME	12.000 mm³	20.000 mm³
14. MAXIMUM LIFTING WEIGHT	12.000 kg	20.000 kg
15. MAXIMUM LIFTING LENGTH	12.000 mm	20.000 mm
16. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
17. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
18. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
19. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
20. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
21. MAXIMUM LIFTING VOLUME	12.000 mm³	20.000 mm³
22. MAXIMUM LIFTING WEIGHT	12.000 kg	20.000 kg
23. MAXIMUM LIFTING LENGTH	12.000 mm	20.000 mm
24. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
25. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
26. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
27. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
28. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
29. MAXIMUM LIFTING VOLUME	12.000 mm³	20.000 mm³
30. MAXIMUM LIFTING WEIGHT	12.000 kg	20.000 kg
31. MAXIMUM LIFTING LENGTH	12.000 mm	20.000 mm
32. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
33. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
34. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
35. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
36. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
37. MAXIMUM LIFTING VOLUME	12.000 mm³	20.000 mm³
38. MAXIMUM LIFTING WEIGHT	12.000 kg	20.000 kg
39. MAXIMUM LIFTING LENGTH	12.000 mm	20.000 mm
40. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
41. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
42. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
43. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
44. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
45. MAXIMUM LIFTING VOLUME	12.000 mm³	20.000 mm³
46. MAXIMUM LIFTING WEIGHT	12.000 kg	20.000 kg
47. MAXIMUM LIFTING LENGTH	12.000 mm	20.000 mm
48. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
49. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
50. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
51. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
52. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
53. MAXIMUM LIFTING VOLUME	12.000 mm³	20.000 mm³
54. MAXIMUM LIFTING WEIGHT	12.000 kg	20.000 kg
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56. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
57. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
58. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
59. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
60. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
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64. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
65. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
66. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
67. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
68. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
69. MAXIMUM LIFTING VOLUME	12.000 mm³	20.000 mm³
70. MAXIMUM LIFTING WEIGHT	12.000 kg	20.000 kg
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72. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
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74. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
75. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
76. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
77. MAXIMUM LIFTING VOLUME	12.000 mm³	20.000 mm³
78. MAXIMUM LIFTING WEIGHT	12.000 kg	20.000 kg
79. MAXIMUM LIFTING LENGTH	12.000 mm	20.000 mm
80. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
81. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
82. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
83. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
84. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
85. MAXIMUM LIFTING VOLUME	12.000 mm³	20.000 mm³
86. MAXIMUM LIFTING WEIGHT	12.000 kg	20.000 kg
87. MAXIMUM LIFTING LENGTH	12.000 mm	20.000 mm
88. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
89. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
90. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
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92. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²
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95. MAXIMUM LIFTING LENGTH	12.000 mm	20.000 mm
96. MAXIMUM LIFTING WIDTH	12.000 mm	20.000 mm
97. MAXIMUM LIFTING DEPTH	12.000 mm	20.000 mm
98. MAXIMUM LIFTING DIAMETER	12.000 mm	20.000 mm
99. MAXIMUM LIFTING RADIUS	12.000 mm	20.000 mm
100. MAXIMUM LIFTING AREA	12.000 mm²	20.000 mm²

Coil Tong is designed and manufactured with high quality using the latest technology just like the rest of the Ozarar products. Ozarar, having served for more than 50 year in the Turkish industrial market, keeps growing with more than 150 skilled workers, engineers and its management team in two different manufacturing facilities; while delivering its internationally approved and recognized products to three different continents.

**YOU CAN MAKE YOUR SELECTION  
 DEPENDING ON YOUR NEEDS IN  
 THE FOLLOWING CAPACITIES**

**www.ozarar.com**

**12 TONS**

**20 TONS**

**30 TONS**





Özarar was established in Istanbul, in 1959 by Mr. Mithat Özarar as an engineering company that provides steel construction and crane services. 9 years later, in 1968, it started producing cranes with the aim to provide better service to the fast-growing Turkish Industry. Throughout the years, production range has expanded and in 2007, Özarar's second factory was established. Özarar Hoist & Crane Inc. today, continues its activities and provides services at three continents with more than 150 employees.

## Standard Production 0.5 Ton - 100 Tons

- Heavy Duty Cranes
- Single & Double Girder E.O.T. Cranes
- Electrical Wire Rope Hoists
- Portal & Semi Portal Cranes
- Cranes with Grab

## Special Production Up to 500 Tons

- Jib Cranes
- Load Carriers
- Crane Components
- Monorail Trolleys
- Load Elevators

Our professional team remains at your entire disposal for all information concerning these products. Contact us via our website / e-mail / fax.

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