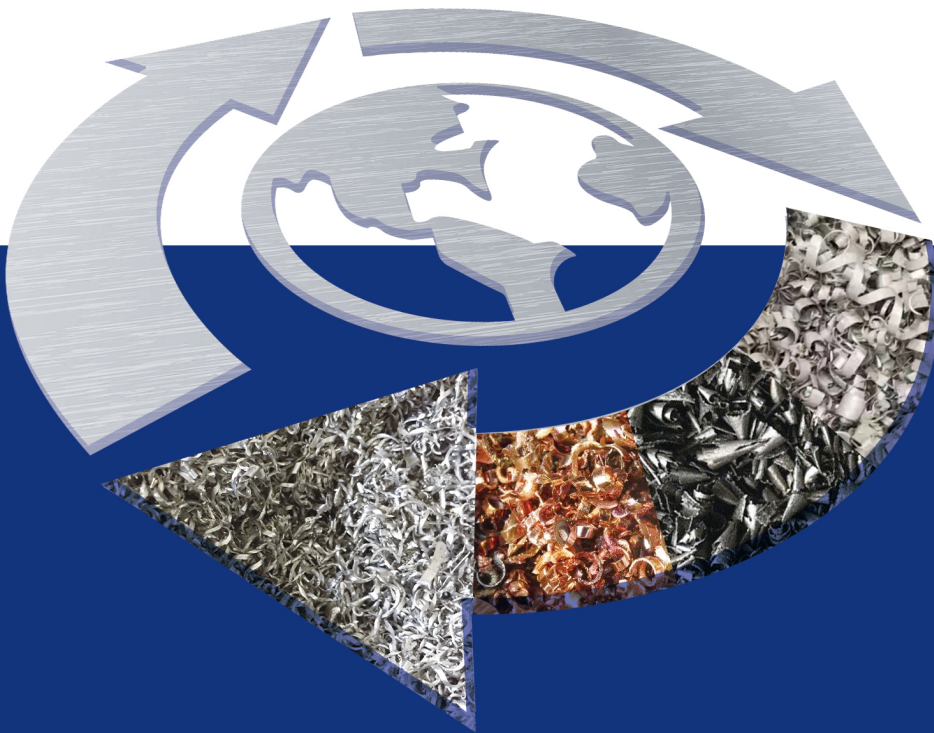




**RECYCLING SYSTEMS**





# TITAN RECYCLING SYSTEMS

## Y81 series hydraulic scrap metal baler

## Technical Specification



### Features

**Flexible Discharge:** Hydraulically driven with multiple discharge methods (tilting, pushing, or manual) for various working conditions.

**Easy-Feed Hopper:** Rotating lid with large hopper opening facilitates feeding of bulky, lightweight materials.

**High-Density Baling:** High pressure produces dense, uniform bales for smooth and efficient operation.

**Simple & Safe Control:** Manual steering valve ensures convenient and safe operation.

**Easy Installation & Dual Drive:** Bolt-free setup; diesel option for non-electric areas.

**Wide Performance Range:** Available in 60–1000 tons and 0.5–30 t/h to meet diverse needs.

**Customizable Sizes:** Hopper and bale sizes can be customized as required.

### Overview

TITAN Y81 series press densifies metal scrap (steel, copper, aluminum, automotive waste) into compact briquettes for mills, recyclers, and smelters, cutting transport, storage, and melting costs.

### Benefits

**Maximizes Metal Yield:** High-density bales minimize melting loss.

**Slash Storage & Transport:** Significant volume reduction cuts costs.

**Boosts Smelting Efficiency:** Smaller surface area for faster melting and lower energy use.

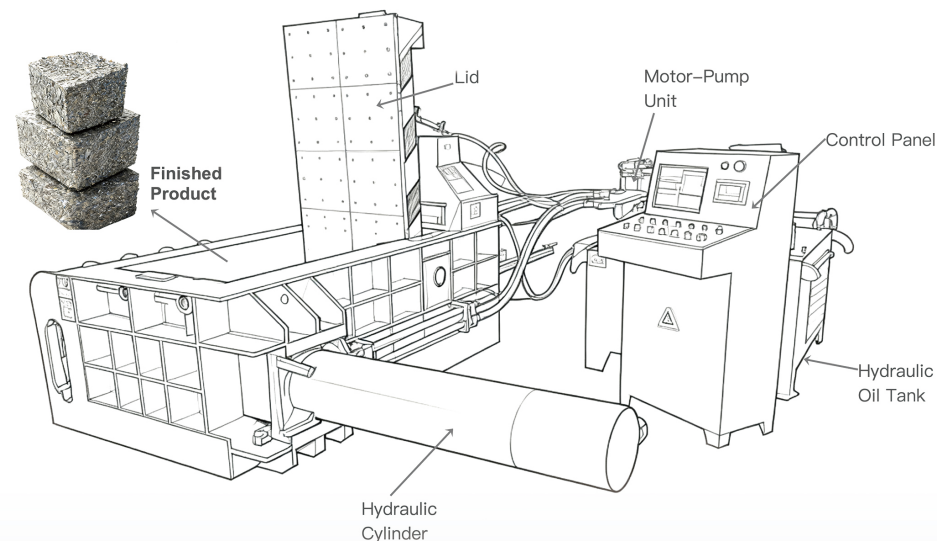
### Materials

**Light-Gauge Scrap:** e.g., sheet metal, cans, color steel tiles.

**Medium Structural Scrap:** e.g., used profiles, steel structures.

**Heavy Scrap Metal:** e.g., reinforcement bars, large stampings.

**Other Metal Solid Waste.**



Model	Nominal Pressure (kN)	Hopper Dimensions (mm)	Bale Size	Motor Power (kW)	Oil Pump
Y81-1250	1250 KN (125T)	1200×700×600	300×300	15	63 YCY
Y81-1600	1600 KN (160T)	1600×1000×800	400×400	22	160 YCY
Y81-2000	2000 KN (200T)	1800×1400×800	400×400 450×450	30	160 YCY
		2000×1400×800	400×400 450×450	18.5×2	80 YCY×2
Y81-2500	2500 KN (250T)	2000×1750×1000	500×500	22×2	160 YCY×2
		2000×1750×1200	600×600	30×2	160 YCY×2
Y81-3150	3150 KN (315T)	2500×2000×1200	600×600	45×2	250 YCY×2
Y81-4000	4000 KN(400T)	3000×2500×1200	600×600	45×2	250 YCY×2

Customizable for your needs, this series offers enhanced output with options like the Y81D cylinder and flexible control from manual to fully automated PLC.

ONE COMPANY, ONE TEAM.  
ONE EXPERTISE, ONE EARTH.



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