

# N-Series Triple Compression Baler (NTB)

Robust, Reliable, Efficient, and Easy Installation



The ever-changing demands of the scrap processing industry require a bigger choice of solutions capable of meeting specific capacity needs. Metso is proud to introduce the N-Series range of metal recycling products. N Series offers reliable technology, efficiency and safety, yet all the features necessary to meet processing needs at competitive price levels. Regardless of the size of our customer's business, big or small, we strive to be at the forefront in providing the technology and services needed to ensure success. The N-Series range is fully backed by Metso's worldwide service network. The initial service contact is locally available to customers so that they have efficient direct support when required.

The NTB Balers offer high performance processing on a variety of materials including factory clips, skeletons, sheet, steel cans, stampings, shapes, wires, tubing and white goods. NTB Balers are suitable for all kinds of scrap facilities, industrial plants and automotive applications and can handle light to medium ferrous, stainless and copper materials with ease.

## Features

- Robust design
- Fully guided compression rams
- V shaped shear blade
- Grooved floor and sidewall liners
- Large chargebox volume
- Preformed high pressure tubing
- Manual, semi auto and automatic operation
- Remote control
- High wear resistant replaceable liners
- High efficiency hydraulics
- Modem for diagnostics
- Sold, warranted and serviced by Metso

# N-Series Triple Compression Baler (NTB)

Robust, Reliable, Efficient, and Easy Installation



## Operation

1. Material is fed into charge-box
2. First compression compactor extends and shears off any oversize material
3. Second compression compactor extends sizing the bale vertically
4. Third compression compactor extends forming the bale after which the pressure is relieved
5. Eject door then opens and bale is ejected

## N Series Triple Compression Baler - Basic Technical Data

MODE L	Units	NTB 33-900	NTB 33-1000	NTB 44-900	NTB 44-1000	NTB 44-1500	NTB 44-2000
Bale size w x h x l	mm (In)	300 x 300 x var (12 x 12 x var)	300 x 300 x var (12 x 12 x var)	400 x 400 x var (16 x 16 x var)	400 x 400 x var (16 x 16 x var)	400 x 400 x var (16 x 16 x var)	400 x 400 x var (16 x 16 x var)
Compactor 1	tonne (TON)	95 or 145 (105 or 160)	145 (160)	95 or 145 (105 or 160)	145 (160)	210 (231)	210 (231)
Compactor 2	tonne (TON)	95 or 145 (105 or 160)	145 or 210 (160 or 231)	95 or 145 (105 or 160)	145 or 210 (160 or 231)	210 (231)	210 (231)
Compactor 3	tonne (TON)	145 or 210 (160 or 231)	210 or 290 (231 or 320)	124 or 210 (136 or 231)	210 or 290 (231 or 320)	290 (320)	290 (320)
Main HPU Drive (Installed Power)	kW (HP)	45 or 55 (60 or 75)	110 or 180 (150 or 240)	45 or 55 (60 or 75)	110 or 180 (150 or 240)	150 (200)	150 (200)
Bale weight (mild steel)	kg (Lb)	55 - 100 (120- 240)	55-115 (120- 250)	85-175 (185- 385)	85- 190 (185 - 420)	130- 230 (285 - 505)	180- 290 (400 - 640)
Production capacity (mild steel)	t/h (TPH)	Up to 6.7 (Up to 7.4)	Up to 10.9 (Up to 12)	Up to 11.7 (Up to 12.9)	Up to 17.7 (Up to 19.5)	Up to 14.3 (Up to 15.8)	Up to 18 (Up to 19.8)

★ Specifications subject to change.

★ Production rates may vary subject to material, feed rate and overall facility efficiency