Can Sorting Line & Baler Specification

Can Sort Line

**NON-FERROUS METAL CLEAN–UP LINE**

**ITEM N° DESCRIPTION OF COMPONENTS**

**06 FEEDING LINE CONVEYOR BELT**

**Type TNS 1,60x19,00**

*Incline feeding conveyor*

*Width mm 1.600*

*Length mm 19.000*

*Installed electrical power kW 5,50*

*Slope (α) deg 18*

**07 FLOW DIVIDER**

*Fitted at the head of the feeding conveyor at the pos. 07, consisting*

*of a drum and an infeed chamber*

**08 CONVEYOR BELT**

**Type TNS 1,60x9,30**

*Picking belt conveyor*

*Width mm 1.600*

*Length mm 9.300*

*Installed electrical power kW 4,00/each*

*Slope (α) deg 0*

**09 MAGNETIC SEPARATOR BELT**

**Type SMB92-120E**

*Over band Magnetic Separator fitted on the picking conveyors Pos.*

*08*

*Installed electrical power kW 3,00/each*

**10 MAGNETIC DRUMS**

**Type TM**

*Fitted at the head of the picking conveyor belts*

**11 SELECTION SORTING PLATFORM**

**Type TA 10,00x9,00**

*Picking platform*

*Width mm 10.000*

*Length mm 9.000*

**12 CONVEYOR BELT**

**Type TNS 0,80x4,50**

*Incline feeding ECS conveyor belt receiving from picking conveyors*

*Width mm 800*

*Length mm 4.500*

*Installed electrical power kW 2,20/each*

*Slop*

**13 VIBRATING FEEDER Type EVA 140/17,5**

*Vibrating feeder*

*Useful length mm 1.750*

*Used width mm 1.400*

**14 NON FERROUS SEPARATOR**

**Type ECS 1500**

*Eddy current separator*

*Installed electrical power kW 6,60*

**15 CONVEYOR BELT**

**Type TNS 1,60x3,00**

*Picking belt conveyor*

*Width mm 1.600*

*Length mm 3.000*

*Installed electrical power kW 3,00*

*Slope (α) deg 0*

**16 SELECTION SORTING PLATFORM**

**Type TA 5,50x9,00**

*Picking platform*

*Width mm 5.500*

*Length mm 9.000e (α) deg 25*

Baler

***MOROS GC-J-125 AUTOMATICSCRAP BALING PRESS***

***BALE SIZE 400 X 400 MM. ( 16" X 16" )***

***PROPOSAL SPECIFICATION :***

**APPLICATION :** Steel off-cuts, Industrial clips and skeletons,

Loose sheet, Trim stock, Wire and

miscellaneous shapes.

**A CAPACITY AND RATING:**

1 Pre-compression Box dimensions : Length ......................... 2.100 mm. ...... ( 83" )

Width ........................... 1.250 mm. ...... ( 49" )

Depth ............................. 760 mm. ...... ( 30" )

2 Charging Box Opening :

When 2nd compression Lid open : 2.500 x 1.250 mm. ..................... ( 98" x 49" )

When 2nd compression Lid closed : 2.100 x 1.250 mm. ..................... ( 83" x 49" )

3 Second Compression Box Dimensions : Length ......................... 1.300 mm. ...... ( 51" )

Width .............................. 400 mm. ...... ( 16" )

Depth .......................... 1.650 mm. ...... ( 65" )

4 Final Compression Box Dimensions : Length ......................... 1.900 mm. ...... ( 75" )

Width .............................. 400 mm. ...... ( 16" )

Depth ............................. 400 mm. ...... ( 16" )

5 Bale Size : 400 x 400 x 300 / 600 mm.

(depending on loading ) ( 16" x 16" x 12" / 24" )

6 Bale Weight : 90 - 180 kg. ........................ for ferrous scrap

( depending on bale length ) ( 200 - 400 pounds )

35 - 70 kg. ..................... for aluminium scrap

( 77 - 154 pounds )

7 Average Bale Weight and Size : 120 kg. .....................( 400 x 400 x 400 mm.)

280 pounds ........................ ( 16" x 16" x 16")

8 Average Baling Cycle Time :

( One precom. stroke only ) ...................................................................................... 36 - 37 seconds

9 Average Bales Production :

( When loading is carried out during the final

compression and the return of all rams ) ............................................................ 90 / 100 bales / hour

10 Average hourly Production :

( When loading is carried out during the final

compression and the return of all rams ) ...................................... 8 - 12 tons / hour for ferrous scrap

***Industrias Hidráulicas, s.a. GC-J-125***

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