

# DATA SHEET

NIHOT

SDi 800

Project

Date

Edition:5.0

MACHINE: SDS based in a Single Drum Separator system  
APPLICATION: Separating items with high calorific

BRAND: NIHOT  
MODEL: SDi 800  
UNITS: 1

## A. SERVICE CONDITIONING

Product: To be agreed  
Light Fraction: To be agreed  
Heavy Fraction: To be agreed

## D. MATERIALS

Plates: Shotblasted and galvanized Steel  
Layers: Treated with sigma steel QD  
Color: To be defined RAL

## E. POWER CONSUMPTION

Power: 23,8 kW

## B. SCOPE OF SUPPLY

Product Input Conveyor:  
Length: 1.950 mm  
Width: 800 mm  
Expansion Room:  
Length: 5.250 mm  
Width: 2.200 mm  
Light Fraction Discharge Conveyor:  
Length: 6.250 mm  
Width: 800 mm  
Air Return Duct:  
Ø400mm x Fe 1mm (inside expansion room)  
Duct to Dust Filter:  
Ø200mm x Fe 1mm

## F. OPTIONS

### Discontinuous Dust Filter

|           |         |                  |            |
|-----------|---------|------------------|------------|
| Type:     | -       | Filter surface:  | -          |
| Power:    | 0,20 kW | Filter Sections: | -          |
| Volume:   | - m3/h  | Filter cleaning: | Mechanical |
| Capacity: | - m3/h  | Filterload:      | <100 m/h   |
|           |         | Dust collection: | Containers |
|           |         | Dust emission:   | <1,0 mg/m3 |

## G. CERTIFICATES / APPROVAL REGULATIONS

CE-Certificate

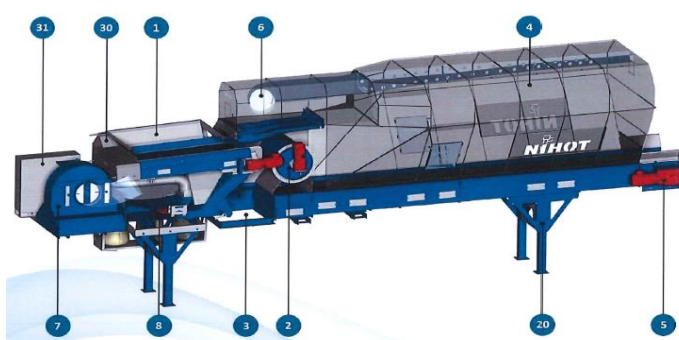
## C: INSTALLED POWER

### Single Drum Separator

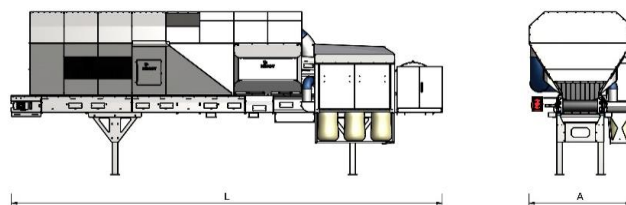
|                                   |         |
|-----------------------------------|---------|
| Product Input Conveyor            | 2,2 kW  |
| Splitter Drum                     | 1,1 kW  |
| Light Fraction Discharge Conveyor | 5,5 kW  |
| Recirculation fan Type RFI 65     | 15,0 kW |

## H. DIMENSION AND WEIGHT

NIHOT SDi 800  
Dimensiones : estimated  
(length x width x height): 10520 x 2260 x 2540 mm  
Weight aprox. 4,5 Tn



- |                                      |                                   |
|--------------------------------------|-----------------------------------|
| 1. Product input conveyor            | 7. Recirculation fan              |
| 2. Splitter drum                     | 8. Air diverter valve             |
| 3. Discharge heavy fraction          | 20. Support construction          |
| 4. Expansion room                    | 30. Integrated dust filter        |
| 5. Light fraction discharge conveyor | 31. Integrated electrical cabinet |
| 6. Air return duct                   |                                   |



## Dimensions in mm

SDi 800

L

10.520

A

2.260

H

2.540