

CASE STUDY

**APPLICATION:
METAL BRIQUETTING MACHINE FEEDING**

**CUSTOMER:
LEADING COMPANY IN AUTOMOTIVE COMPONENTS PRODUCTION**



PROBLEM

Metal briquetting machine presses the metal waste under high pressure into a briquette form. Normally it is used to reduce the storage cost as well as the conversion ratio in the furnace for metal recycling. The customer needed to suck up metal swarf directly from CNC machinery to automatically feed its briquetting machines.



SOLUTION HF VACUUM WITH FIXED CHASSIS

Chips are collected inside the CNC machinery and conveyed through the pipeline to the Depureco HF and discharged into the hopper of the briquetting machine



WORKING PRINCIPLE

- ✓ Vacuum is generated by a side-channel blower
- ✓ The material enters the vacuum inlet, encounters a metal cyclone, losing speed and falling into the collection hopper
- ✓ The filter protects the blower from any material that could return towards the turbine
- ✓ The material is discharged automatically (several discharge options available)