

Frischhut

Keywords: Mechanical Manufacturing with own foundry, Amortization in 2,5 years

Frischhut was founded in 1945 and has had its own foundry since 1952. Here it produces shaped pieces, fittings, flanges, sleeves, sliders and other similar products up to a unit weight of a maximum of 2 tons, for gas and water installations. The work pieces normally undergo a finishing process in-house during which drills, milling machines and lathes come into play exclusively dry machined. This results in a yearly amount of around 120 tons of casting chips. Since 2005 these have been briquetted. The briquettes made from the high value material casting chips with ductile iron (GJS 400 to GJS 700) are themselves re-smelted. The system RB 4/2800/60S was purchased for this purpose and has been running reliably ever since. One unique feature here is an automatic oiling of the chips (less than a few tenths of a per cent), which is necessary to make the dry chips briquettable. (Frictional forces in dry chips are eliminated).

Despite the relatively low amount of chips the system has paid for itself in only two and a half years. The main reason for Frischhut to purchase the briquetting system, apart from the savings in scrap procurement costs (the 120 tons of chips replace scrap purchases for the foundry to the same degree) was the desire to keep material with a known metallurgy in-house. This eliminates sources of disturbance, which may occur using scrap from external sources.



Amortised itself in 2,5 years: RB 4/2800/60S



120to briquettes per Year

Customer's homepage: www.frischhut.de a company in the TALIS Group www.talis-group.com