

A device for discharging dust from a dry dust collector of a blast furnace (10) comprises a dust discharge valve (18) located downstream of a dust discharge opening (16) of the dry dust collector (10) and a fully enclosed dust conveying system (22) located downstream of the dust discharge valve (18). It further comprises a control system (32) that is designed so as to control the opening of the dust discharge valve (18) in function of the residual conveying capacity of the dust conveying system.

