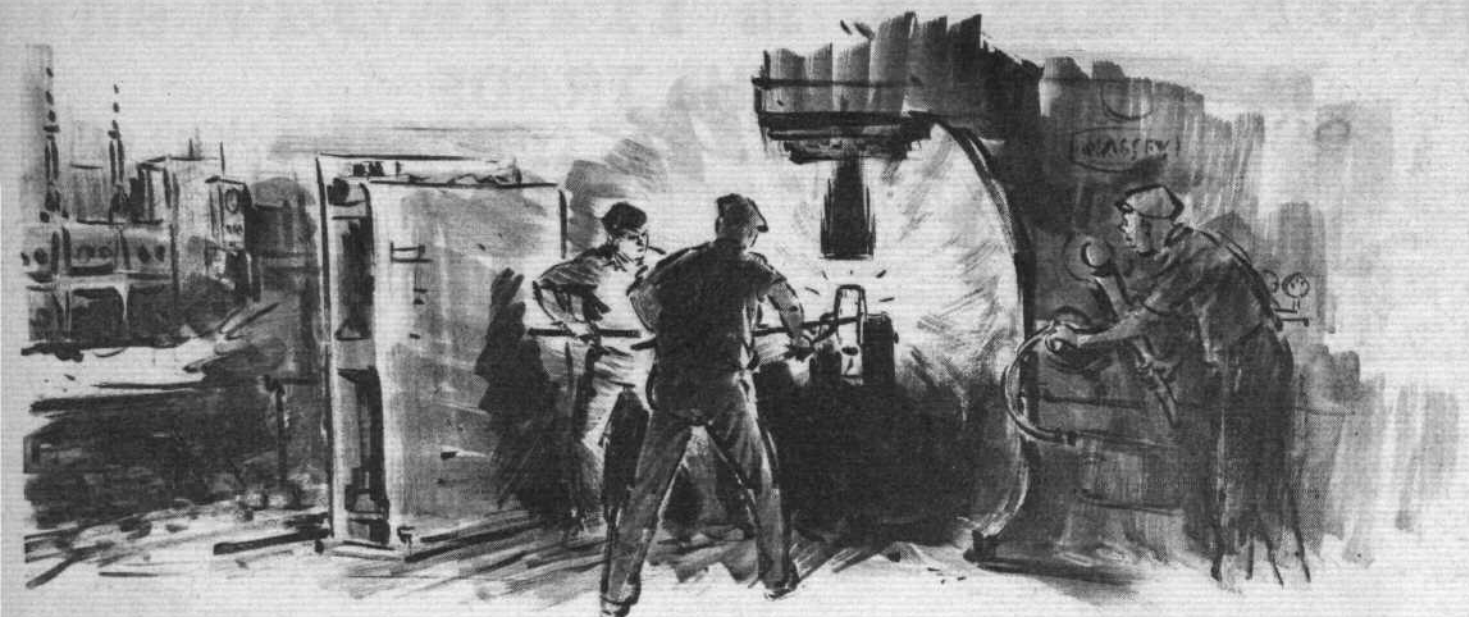


BRITAIN'S AIRCRAFT INDUSTRY 1968 . . .

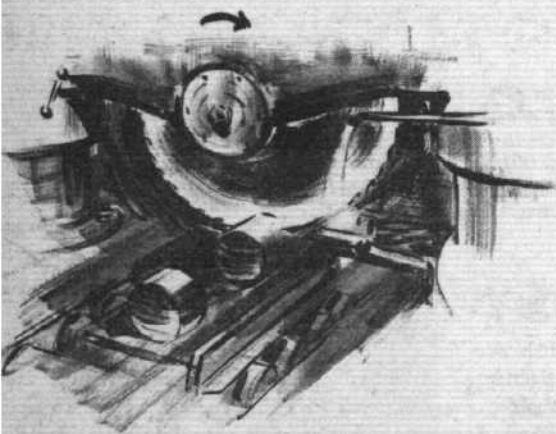


The Fiery Birth of Turbine Parts

Sheffield's skill at its highest: the forging of aero engine components at Firth-Derihon Stampings Ltd. Above, shaping a ring: the workpiece, heated in the gas-fired furnace at left, is revolved by the two men with tongs as the hammer controlled by the third man progressively increases its diameter

The raw material: a billet of Firth Brown alloy steel for turbine discs is cut into sections by a 28in-diameter high-speed automatic saw

Below, drop-forging a major component for the R-R Spey. The 18-ton hammer has just thudded down and lifted; there is a belch of flame, and the man on the right throws in damping sand



Noise, heat and smoke fill his working hours: Yorkshireman Ken Booth, furnaceman for the past eight years at Firth-Derihon

