

# CERN News

*Reassembly of the SC magnet. After partial dismantling, which was necessary in order to drill an axial hole through the magnet yoke and pole pieces, the magnet of the 600 MeV synchro-cyclotron is being reassembled. The picture shows one of the two new 60 ton main field coils being brought into position. The coils were manufactured by Alsthom.*

*The first of the two rotary condensers for the new radio-frequency system of the SC was transported to CERN in June and has been reassembled by a CERN-AEG team. A second (spare) condenser is being completed in Berlin. In the picture the clearances between the radial rotor blades and the specially shaped stator blades mounted on the circumference of the housing are being checked.*

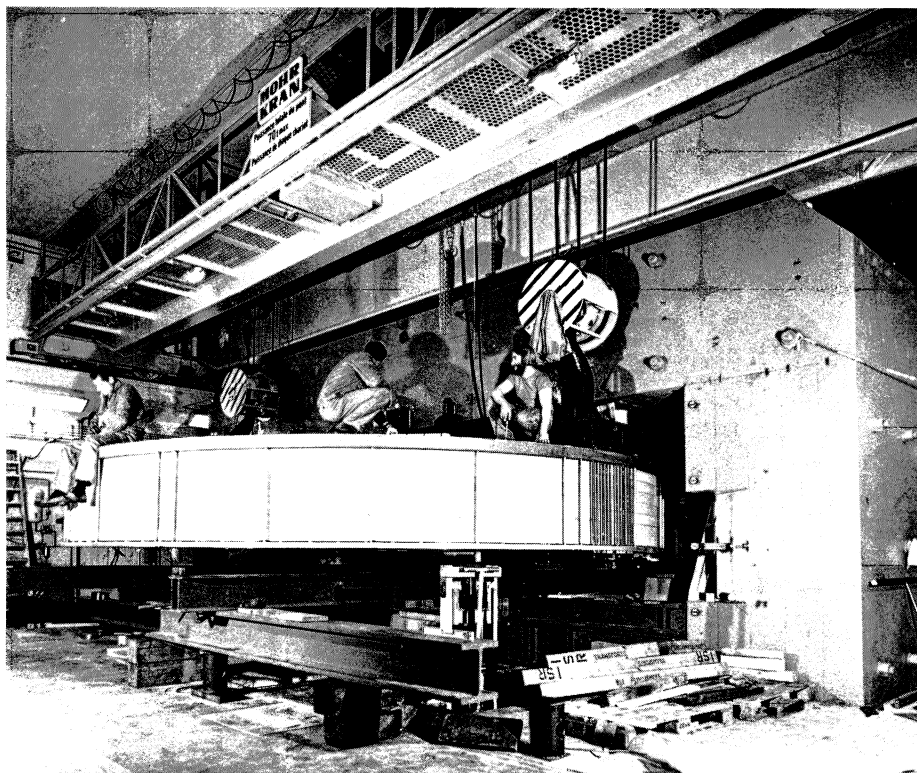
## SPS: Take one !

The various stages in the construction and installation of the SPS will be filmed under the direction of Georges Pessis who specialises in documentary films (his work includes 'Matter in Question' filmed at CERN in 1959). The first shots were taken during October.

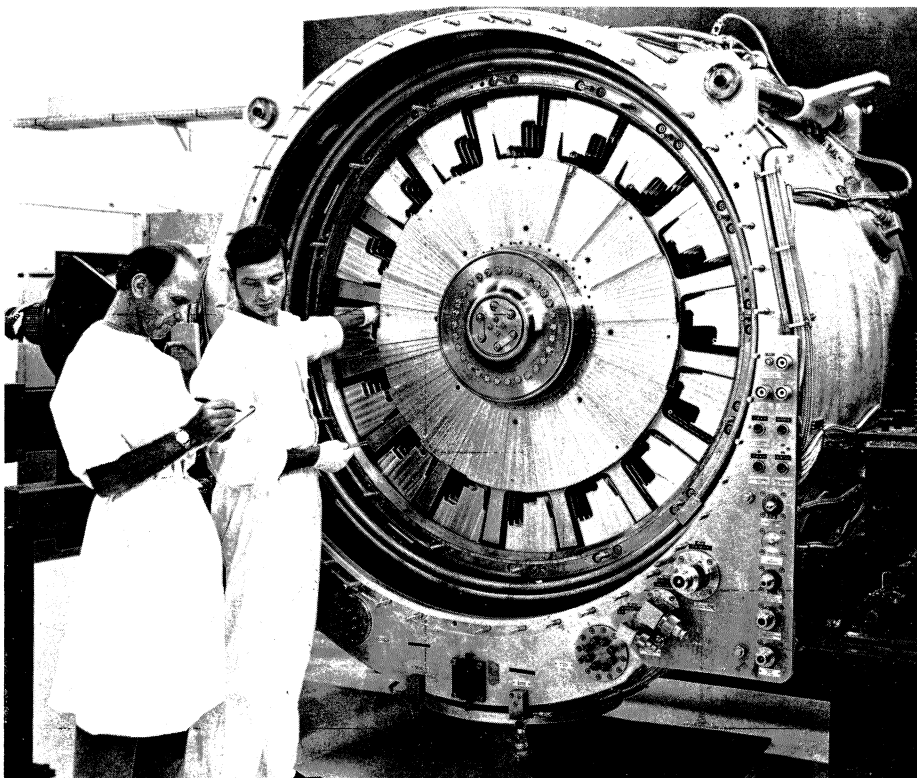
The outcome is envisaged as three films — a forty minute documentary for public showing in cinemas and on television, a twenty minute film suitable for showing to visitors to CERN and a series of technical sequences, lasting forty minutes in all, for specialists. Each of the three will be shot in colour on 16 or 35 mm film as dictated by shooting conditions. The sound track will be recorded in two or more languages. Sequences will be made at intervals during the construction work until the machine has been completed. Nevertheless it should be possible to project part of the first film (forty minutes) in 1976, just before 300 GeV beams are sent for the first time towards the West Hall. Thereafter, it will be regularly up-dated, until completion of construction at the beginning of 1979.

The film intended for visitors to CERN should be available as early as 1974 and it is proposed to up-date this film also during the subsequent years. The third film will be divided into sequences intended for separate showing, each sequence to last only a few minutes. These sequences will be essentially technical and will give an expert audience descriptions of the main components of the SPS (magnets, r.f. system, civil engineering, beam transfer lines, control system, etc.).

The idea is to emphasise the various distinctive features of the gigantic accelerator. In the films for general viewing, emphasis will be placed on the fact that this is a machine which



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