



G00002

18 June 2003

ABSTRACT



CUTTING CARRIAGE FOR SHEET CUTTING AND SHEET
CUTTER USING SAME

162162

There is disclosed a construction in which the shaking of a cutting carriage due to a clearance is prevented, thereby enhancing cutting precision. The cutting carriage includes at least one rotary blade for cutting a sheet, and a pair of opposed driven rotary members held respectively against obverse and reverse surfaces of a guide track member, said pair of driven rotary members being rotated in accordance with the movement of the cutting carriage along said guide track member. The cutting carriage for sheet cutting can include a pair of rotary blades which are forcibly rotated respectively by the pair of driven rotary members when these driven rotary members are rotated. Preferably, the pair of rotary blades are held in press-contact with each other at a toe-in angle. A sheet cutter of the invention includes the guide track member having a flat plate portion extending in a direction of a cutting width, and the carriage guided by this guide track member, and a moving device, such as a screw and a wire, for moving the cutting carriage. Preferably, the obverse surface of the flat plate portion serves as a surface for supporting the sheet thereon, and also serves as a travel surface for one of the pair of driven rotary members. The sheet is held between the flat plate portion and the one driven rotary member during the movement of the cutting carriage.

(Figure 1)