

ABSTRACT

Provided is an improved multifunctional conveying device, comprising a V-shaped main frame where one conveyor belt is provided on left portion and right portion, driven wheels are mounted at one end, and driving wheels driven by a driving mechanism are mounted at the other end. Driving wheel
5 supports are provided on two sides of the end mounted with the driving wheels, and driven wheel supports are provided at the end mounted the driven wheels; the driven and driving wheels are mounted on the main frame by the supports, and the driving wheels are in transmission connection by a flexible axle. The flexible axle is used instead of a cross universal shaft to simplify overall assembly and synchronize transmission speeds of left and right wheels. The separately mounted
10 supports enable separate maintenance of driving and driven wheels without overall disassembly and facilitate maintenance by maintenance personnel.

Fig. 1