

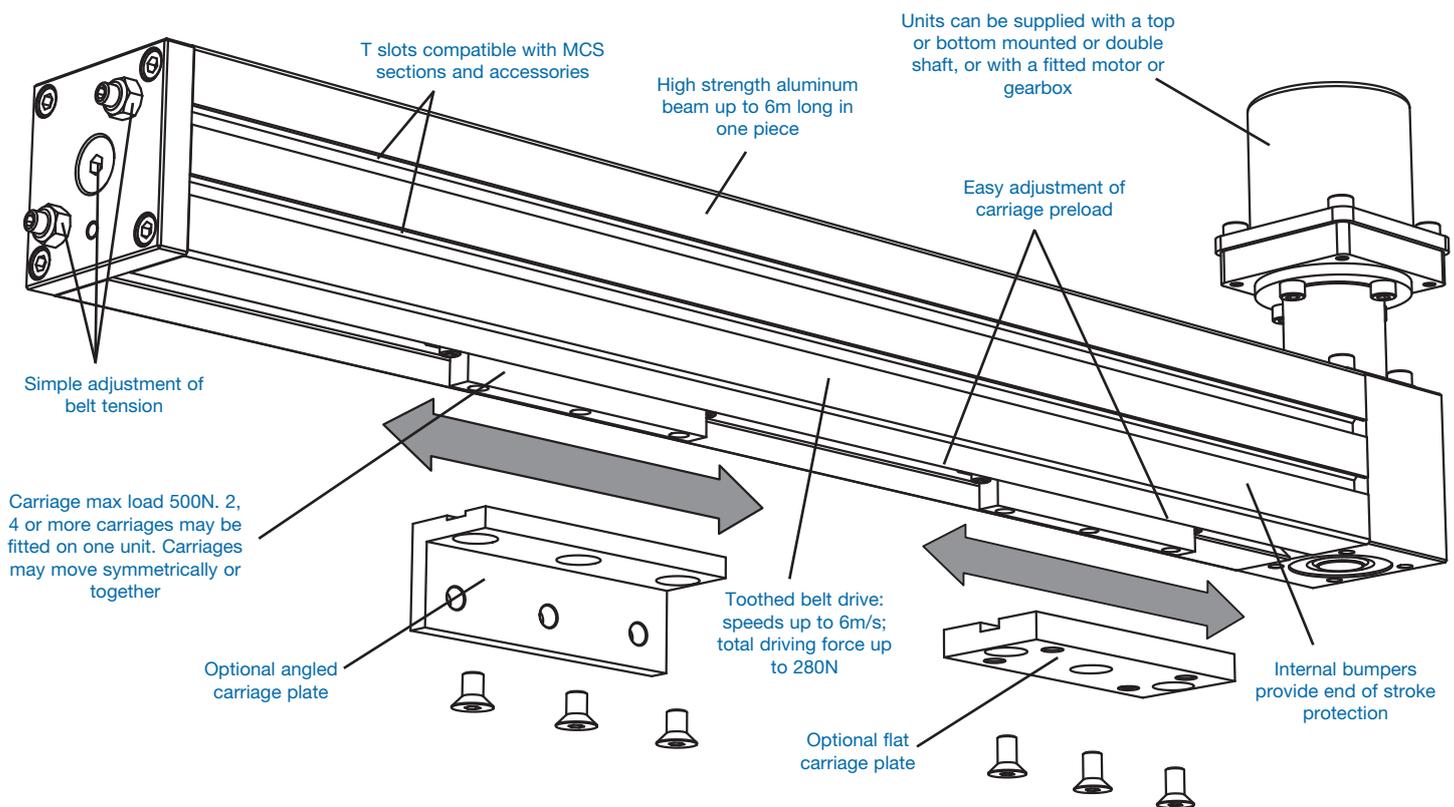
HepcoMotion® DAPDU2

Double Acting Profile Drive Unit

The HepcoMotion DAPDU2 unit is built on a robust aluminum beam with two or more carriages running inside. These carriages use the same Herculane® wheels that are in the popular Hepco PDU2 unit and give excellent load capacity and durability with quiet operation. The carriages are driven by a strong, accurate toothed belt and move symmetrically. Units are compatible with HepcoMotion MCS framework system, and with other driven products including the PDU2.

Note that the underside of the unit is open, and the correct orientation should be observed to prevent debris ingress.

This data sheet gives a brief overview of the product. Other useful information on applications, calculations, etc. is included in Hepco PDU2 and DLS catalogs. Further details may be obtained from Bishop-Wisecarver's Technical Sales Department. 3D CAD models are available at www.bwc.com.



Application example: automatic spray booth doors

The DAPDU2 unit has a total of 4 carriages fitted, two moving left and two moving right. Each is fitted with an angled carriage plate. A door is suspended between each pair of carriages, and Hepco track rollers (see GV3 catalog) fixed to the door bottoms engage in channel sections on the floor to restrain movement away from the wall. A DC motor drives the DAPDU2 unit via a right angled planetary gearbox (available from Bishop-Wisecarver - see PDU2 catalog).

