



**ATV**      **PROGRESS**      **HTV**      **DRAGON**      **CYGNUS**  
 (AUTOMATIC TRANSFER VEHICLE) (H-II TRANSFER VEHICLE)

Vehicle (Partner)	Launch mass (t)	Payload mass (t)	Volume (m <sup>3</sup> )	Dock/berth
ATV (ESA)	20.0	7.6	48.0	Docks automatic to ISS aft end (ROS)
Progress (Russia)	7.15	2.35	7.6	Docks automatic to a Russian port (possible manual take-over)
HTV (Japan)	10.5	6.0	42.0	Grappled by SSRMS and berthed to a CBM port
Dragon (US)	8.0	3.0	10.0	Grappled by SSRMS and berthed to a CBM port
Cygnus (US)	5.0	2.0	18.7	Grappled by SSRMS and berthed to a CBM port

CBM = Common Berthing Mechanism