



## INTELLIGENT HYDRAULIC MOBILE LIFTING TROLLEY

### AMLT SERIES

Capacity: 300 Ton  
Working pressure: 700 Bar  
Stroke: 250 mm

Used in oil refining heat exchanger core installed to the shell (core), use 300T hydraulic car to lift and shift the core, hydraulic car main top is double acting mechanical self-locking top, first lift core to a certain height, core and shell should be guaranteed in same centre, locking the main top. Translates the core, starts the car to move the function (forward and backward both are viable), slowly will the core body enter the shell, until the customer further installs.

Based on field bus technology PLC distributed control system of the overall program, divided into hydraulic bearing control unit, driving the control unit in two parts, integrate electrical, hydraulic and mechanical into the automated hydraulic equipment, through computer control of the load-bearing system and drive the system to work, with simultaneous lifting, self-walking, walking and other functions simultaneously.

Model	AMLT-300
Double acting lock nut hydraulic cylinder	Capacity: 300T Working pressure: 700 Bar Stroke: 250 mm
Electric Hydraulic Pump	Motor Power: 1.1 KW( frequency conversion) 380V 50Hz (Can be customized) Working Pressure: 700 Bar Flow: 1L/min Oil Tank Capacity: 25L
Walking motor power	4 KW+ Reduction Box (manual disconnecting device)
Walking speed	0~1.3 m/min (frequency control)
Wheel diameter	760 mm
Wheel track	960 mm
Track gauge	1200 mm
Screw rod support	Load 100T/piece
Dimensions	2470mm×1442mm×940mm



## INTELLIGENT SYNCHRONOUS LIFTING HYDRAULIC SYSTEM

### AISL SERIES

### FEATURES

This system is hydraulic driven and automatically controlled by pressure and displacement closedloop to realize multi-point control. It can carry out synchronous lifting, synchronous landing, equal proportion synchronous lifting and other functions. The system uses frequency converter to control oil pump motor, and motor speed is changed by adjusting the frequency of power supply to achieve continuously adjusting oil pump's flow.

Model	Points	Synchronous Precision mm	Motor Power KW	Voltage AC/V	Working Pressure bar	Flow L/min	Oil Tank Capacity L	Dimensions (LXWXH) mm	Net Weight Kg
AISL-2A	2 Points	≤ ±0.2	1.1X2	380	700	1X2	130	760×820×1150	180
AISL-2B	2 Points	≤ ±0.2	2.2X2	380	700	2X2	130	760×820×1150	240
AISL-2C	2 Points	≤ ±0.2	5.5X2	380	700	4X2	250	960×880×1170	300
AISL-4A	4 Points	≤ ±0.2	1.1X4	380	700	1X4	200	1100×875×1160	350
AISL-4B	4 Points	≤ ±0.2	2.2X4	380	700	2X4	250	1200×820×1120	430
AISL-4C	4 Points	≤ ±0.2	5.5X4	380	700	4X4	500	1100×960×1130	550