LINK WALKING BEAM

This walking beam is main used for transferring on press with multi-stations, and is essential automatic device for big cold forging press and hot die forging press.

It is linked to press to finish pieces griping, lifting, moving, transferring, down, up and back circulation actions, and can adjust transferring distance and speed by servo motor. The gripper is with sensor to make sure each griping action efficiency and assembly by safety sensor control device to make sure it can finish each actions before press working.

The middle beam can be took out, which makes gripper exchanging and die exchanging easy. On the middle beam there is lubrication, cooling and spray device, and the lubrication spray position and time, gas spraying starting time and time can be preset and adjusted reasonably.

It can also be matched with constant pressure graphite emulsify pump and gas hydraulic automatic spry control system to make sure press die cooling and lubrication.

There are two kinds, one is T58Z six axis link walking beam and other one is T58s ten axis link walking beam.

T58Z six axis link walking beam features:

Six axis servo linked control device can meet kinds of transferring action and speed changing;

Using ball-bearing lead and crankshaft-connecting rods to avoid transferring difference, to realize parts transferring with high precision and speed.

Using man-machine inter face and servo control to realize man-machine talking, and to realize adjusting for parts transferring, die lubrication and cleaning

Can be suitable for all kinds of press under 2500 ton

It is assembled beside press two sides, and with upper and lower assembly ways

T58s ten axis link walking beam features:

Its automatic transferring is by four double joint robots
Simplest structure, easier maintenance;
Many assembling ways;
It can be suitable for all kinds of press above 4000 ton, with wide applications.

Main technical parameter:

type	unit	T58Z-25	T58S-30
Max. transferring distance	**mm**	250	300
Gripping distance	**mm**	100	100
Lifting distance	**mm**	100	100
Max. working frequency	**min^{-1}**	18	18
Main motor	**Kw**	16	18.8