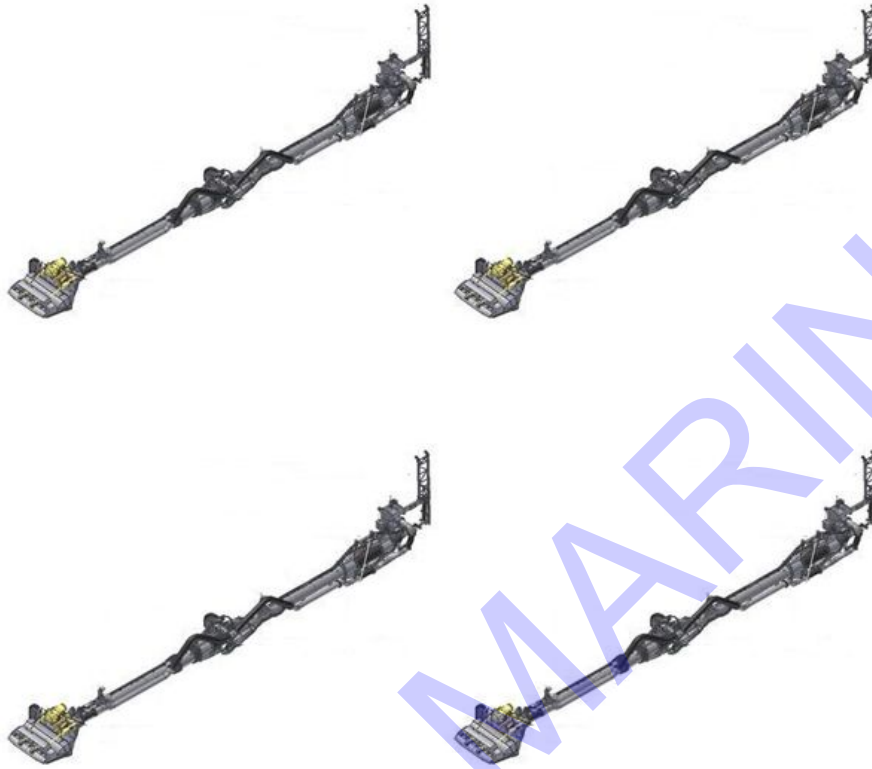


## Dredge Side Suction System

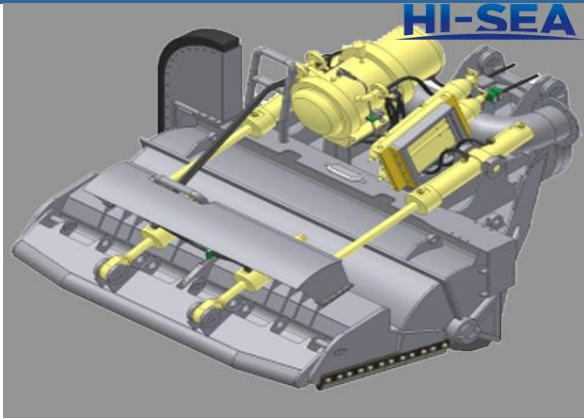


### Introduction of Dredge Side Suction System:

Side suction systems are designed for efficient dredging of many types of soil. Because of its modular setup, the side suction pipe can easily be adapted to the specific requirements of the dredge. The side suction pipes are designed to work at a maximum working angle of 45°. The maximum dredging depth varies with the length of the straight pipe pieces. The side suction system is assembled from the following main components:

- Draghead
- Lower straight pipe piece
- Turning gland
- Double joint
- Upper straight pipe piece
- Single joint
- Trunnion bend
- Sliding piece





The side suction pipe is fitted with rubber fenders to prevent damage to the ship's hull when hoisting the suction pipe on board. The side suction pipe is a strong steel welded construction with some cast steel parts. The dredge line and jet line are fitted with rubber flexible hoses to accommodate the movements of the pipe.



Dredge Side Suction System Working Picture



dredge side suction system on the TSHD

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