

Drag Head

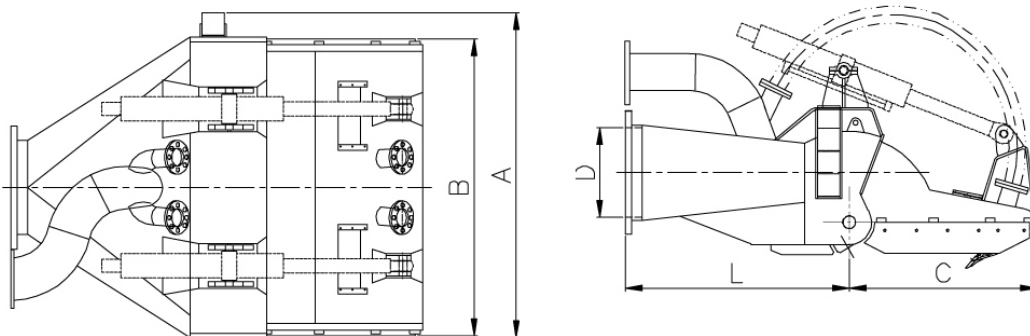


Drag Head Introduce:

The Drag head is of a modern short and wide design to optimize flow and efficiency. The jetwater-assisted drag head follows the uneven bottom profile and maximizes the mixture concentration. The latest CFD software has been used to optimize the flow patterns of the transported sand and water mixture within the drag head. Cutting teeth and jetwater nozzles have been placed at an optimal position boosting the erosion of soil. Special attention has been paid to the robust and solid design of the welded steel construction of the drag head.

The drag head can be retrofitted to existing trailing pipe systems, yet attention has to be given to unit weight versus hoisting capacity, available jetwater volume and pressure and the available gangway width. Different types of drag heads are available: single visor drag heads, "California"-type double visor drag heads or short and wide silt drag heads.

The heads are of a sturdy design taking heavy working conditions into account. Therefore the heads fitted out with for instance wear resistant Ni-hard wear blocks along the edges, heavy steel plating etc. The visors are self-adjustable between 0° and 50°, and all heads are provided with a dirt grid.



Structural drawing

Technical Specifications

Pipe Dia.(mm)	L(mm)	C(mm)	A(mm)	B(mm)
420	1300	1000	1600	1340
550	1525	1100	1800	1560
600	1560	1190	1850	1560
700	1935	1255	2700	2600
800	2000	1550	2940	2750
900	2350	1650	3200	2850 </td
1000	2850	1760	3700	3520
1200	3300	1850	4240	3700

NOTE:Providing rake head series of all specifications and dimensions, customization is available.



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