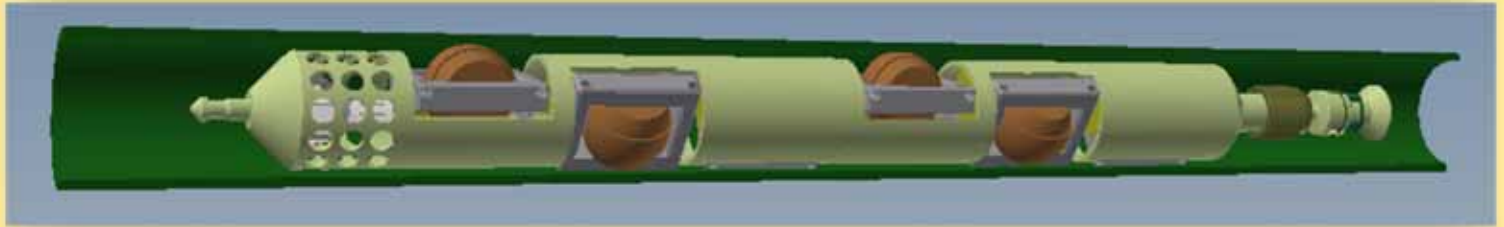




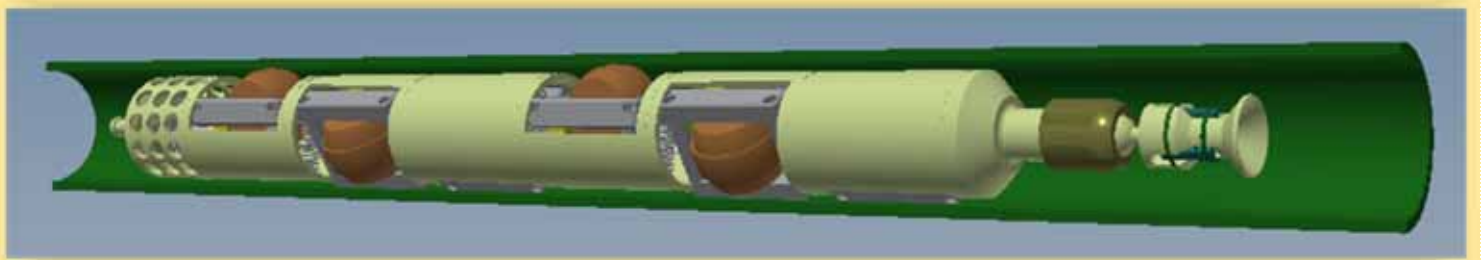
SUBSEA SYSTEMS

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DRAG TRAILER



THE BETA DRAG TRAILER FEATURES:
6 WHEEL/PUMPS IN THE CENTER,
A PIVOTED BETA LATCH AT THE FRONT,
A REAR HYDRAULICS SECTION, AND
A REAR LATCHING PROFILE



EACH OF THE WHEEL/PUMPS HAS AN EXTERNAL COATING FOR GRIPPING FRICTION AND IS SPRING LOADED ONTO THE INTERNAL BORE OF THE PIPELINE.

AS THE WHEEL/PUMPS ARE ROLLED, AN INTERNAL PUMP DRIVES FLUID TO THE REAR CHAMBER AND ACROSS AN ADJUSTABLE RELIEF VALVE TO SET THE LOAD.



A BETA DRAG TRAILER IS SHOWN CONNECTED ONTO THE REAR OF A CUSTOMER'S PIG WHICH WAS EQUIPPED WITH A LATCHING PROFILE.

THE DRAG TRAILER CAN BE UTILIZED AS A MODULAR TOOL AS ILLUSTRATED, OR CAN BE INTEGRATED DIRECTLY INTO THE CUSTOMER'S PIGS

Beta Subsea Systems offers a combination of patent licensing, engineering, manufacturing capabilities, and products to assist you grow your business.

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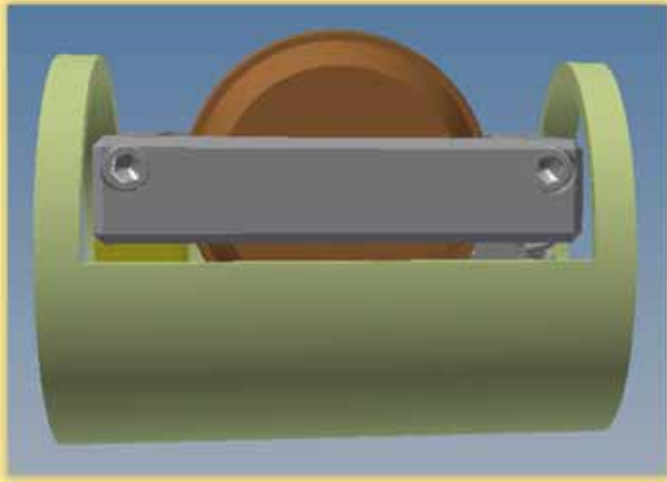
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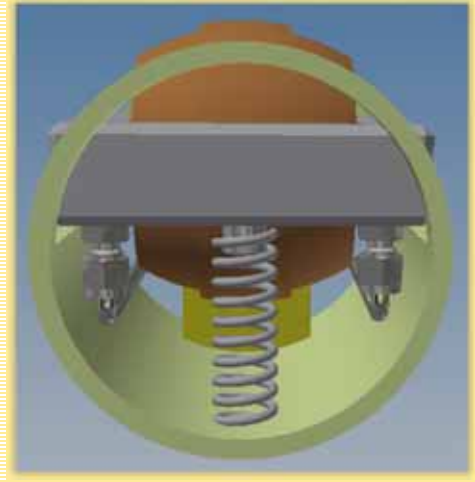
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DRAG TRAILER

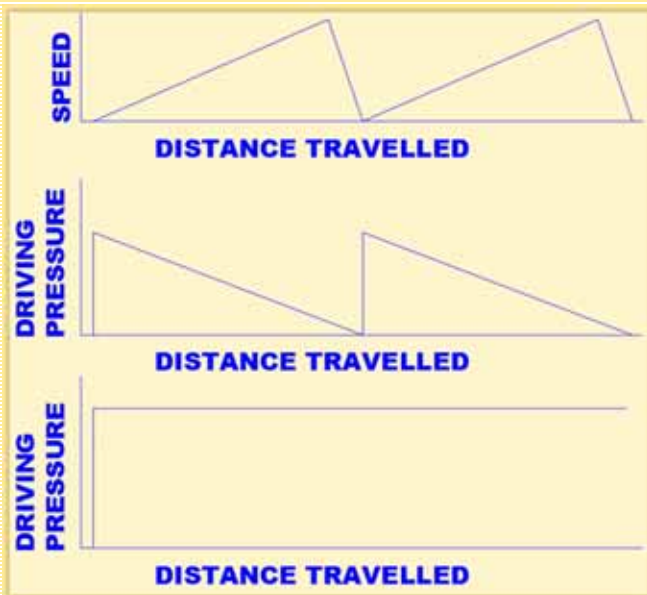
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SIDE VIEW OF DRAG SECTION SHOWING YELLOW PIVOT POST TO THE LEFT AND BROWN FRICTION WHEEL/PUMP IN THE CENTER. WHEEL/PUMP IS PORTED THRU THE SILVER FRAME



END VIEW OF DRAG SECTION SHOWING SPRING LOADING FOR WHEEL/PUMP AND TUBE FITTINGS GOING TO THE END FOR LOADING



SHOWING A PIG OPERATING WITH STOP & START MOTION ASSOCIATED WITH STICTION

DRIVING PIPELINE PRESSURE DURING STOP & START

DRIVING PRESSURE WITH DRAG ADDED, ALWAYS ABOVE STICTION THRESHOLD

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