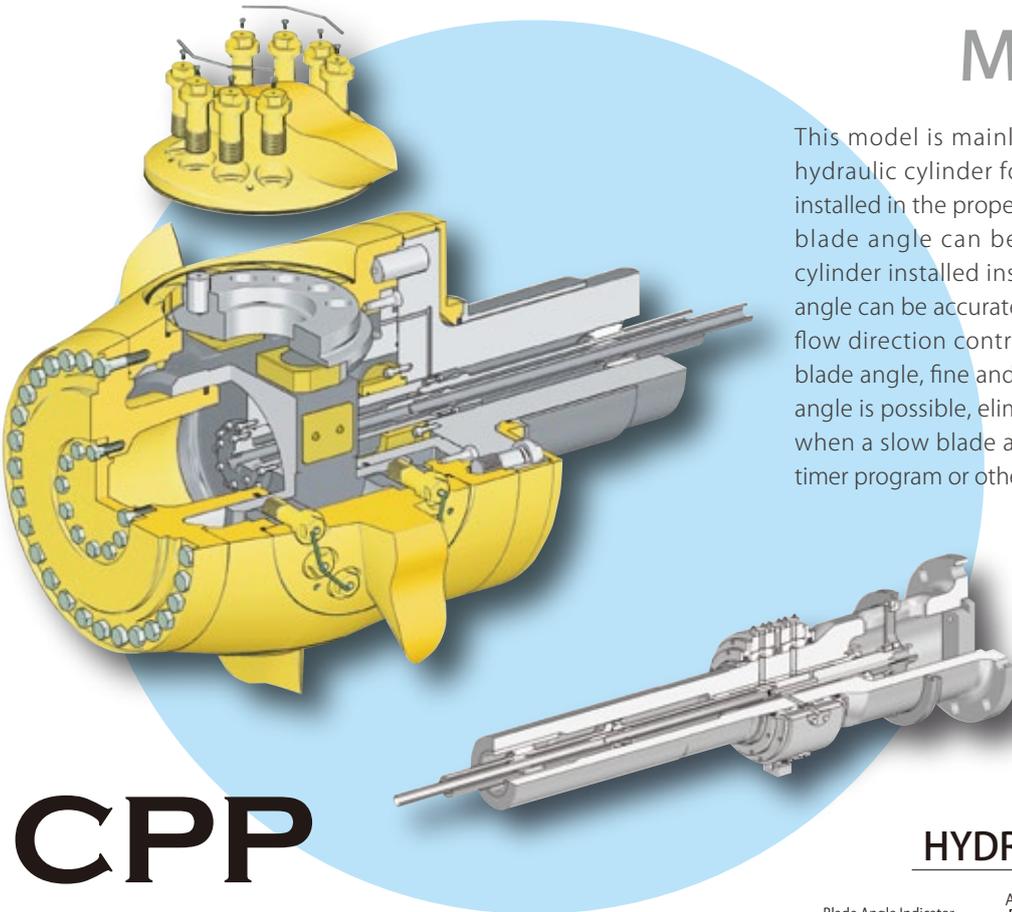


MODEL XL

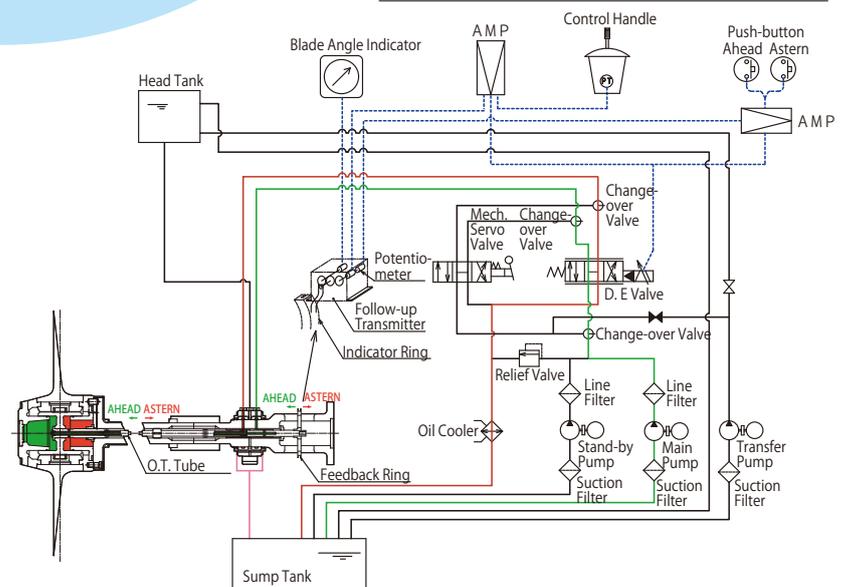
This model is mainly used in large-sized vessels. A hydraulic cylinder for controlling the blade angle is installed in the propeller hub, outside the vessel. As the blade angle can be adjusted using the hydraulic cylinder installed inside the propeller hub, the blade angle can be accurately controlled. Moreover, since the flow direction control valve functions to control the blade angle, fine and smooth adjustment of the blade angle is possible, eliminating inching movement, even when a slow blade angle movement is specified by a timer program or other means.



CPP



HYDRAULIC POWER UNIT



Model XS / Model XL

FEATURES

1. Enables efficient utilization of main engine output and reduction of fuel consumption.
2. Efficient operation, high stopping performance, and reduced time spent leaving shore or docking due to continuous movement from full forward to full reverse.
3. Reduced fuel consumption by operating at optimal efficiency, where propulsion efficiency, fuel consumption of the main engine, and other factors are comprehensively considered.
4. Enables required vessel speed or thrust force to be achieved, even on vessels where load conditions vary greatly, such as trawlers and towing vessels.
5. Avoids over-torque of main engine by reducing the propeller pitch angle during operations in rough weather compared to regular operation.