

## Automatic launcher

The launcher is the starting point for pig launching and pipeline cleaning in a pigging system, primarily used to launch pigs into the pipeline.

Hyperfore offer three types of sanitary automatic launchers: economic automatic launchers, sanitary automatic launchers, and sanitary double-pig launchers, suitable for different pigging processes.

- ◇ Economic automatic launcher: Mainly used in industries such as edible oil, grease, food, beverages, and confectionery, CIP-capable.
- ◇ Sanitary automatic launcher: Can be used in fluid industries such as food, beverages, dairy products, chocolate, confectionery, cosmetics, shampoo, and detergents, with a wide range of applications, CIP-capable.
- ◇ Sanitary double-pig launcher: Used in conjunction with double solid pigs, suitable for complex pigging processes, such as single-source to multi-target pigging processes, etc.. Double-pig system can effectively avoid cross-contamination between different products; a section of solvent can also be sandwiched between the two pigs for product recovery in paint and coating industry, with high efficiency and low residue, CIP-capable.

### Technical data:

Working pressure range: 0 - 10 bar

Main body material: SS316L

Surface roughness:  $Ra \leq 0.8\mu m$  (for contact with product)



Economic Automatic Launcher



Sanitary Automatic Launcher



Sanitary Double-Pig Launcher

## Automatic receiver

The automatic receiver is the endpoint for pipeline cleaning and product recovery in a pigging system, primarily used to stop the pig and return it to the launching station.

Hyperfore offer one type of sanitary automatic receiving station, which can be applied to different pigging processes.

Sanitary automatic receiver: Suitable for most of Hyperfore automatic pigging systems, CIP and SIP capable.

### Technical data:

Working pressure range: 0 - 10 bar

Main body material: SS316L

Surface roughness:  $Ra \leq 0.8 \mu m$  (for contact with product)



Automatic receiver  
Process connection: Flange



Automatic receiver  
Process connection: Tri-clamp