

SAVE BIG MONEY

KEEPING UP THE FLOW

MARINE

BLÜCHER[®]

A WATTS Brand



DO YOU WANT TO
SAVE EUR 160,000
ON THE SANITARY DISCHARGE SYSTEM?

BLÜCHER® EuroPipe stainless steel push-fit pipework system vs. welded galvanized iron pipework system

Project scope and assumptions

FPSO conversion requiring piping installation in accomodation for black and grey water piping system

Comparison based on pipes and fittings.

7000 connections planned for both black and grey water system

Project to be completed within 180 days
8 working hours per day (breaks and meal times excluded)
Manpower costs EUR 4,00 per hour per man

Project carried out in Singapore.
All prices, wages and other costs stated in EUR.

Pipework systems

- Galvanized iron pipework system with welded connections
- BLÜCHER® EuroPipe stainless steel push-fit pipework system

Galvanized iron pipes and fittings, welded



Material cost total: EUR 45,799

BLÜCHER® EuroPipe stainless steel push-fit pipes and fittings



Material cost total: EUR 143,938

Work scope:

Fitting and welding; grinding after welding;
painting to protect welding seam from corrosion

48 connections per day - 146 days



30 minutes per joint

Manpower cost total: EUR 201,915

Work scope:

Fitting (push-fit)

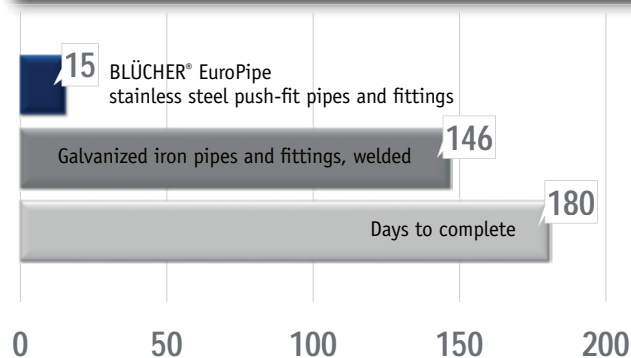
480 connections per day - 15 days



5 minutes per joint

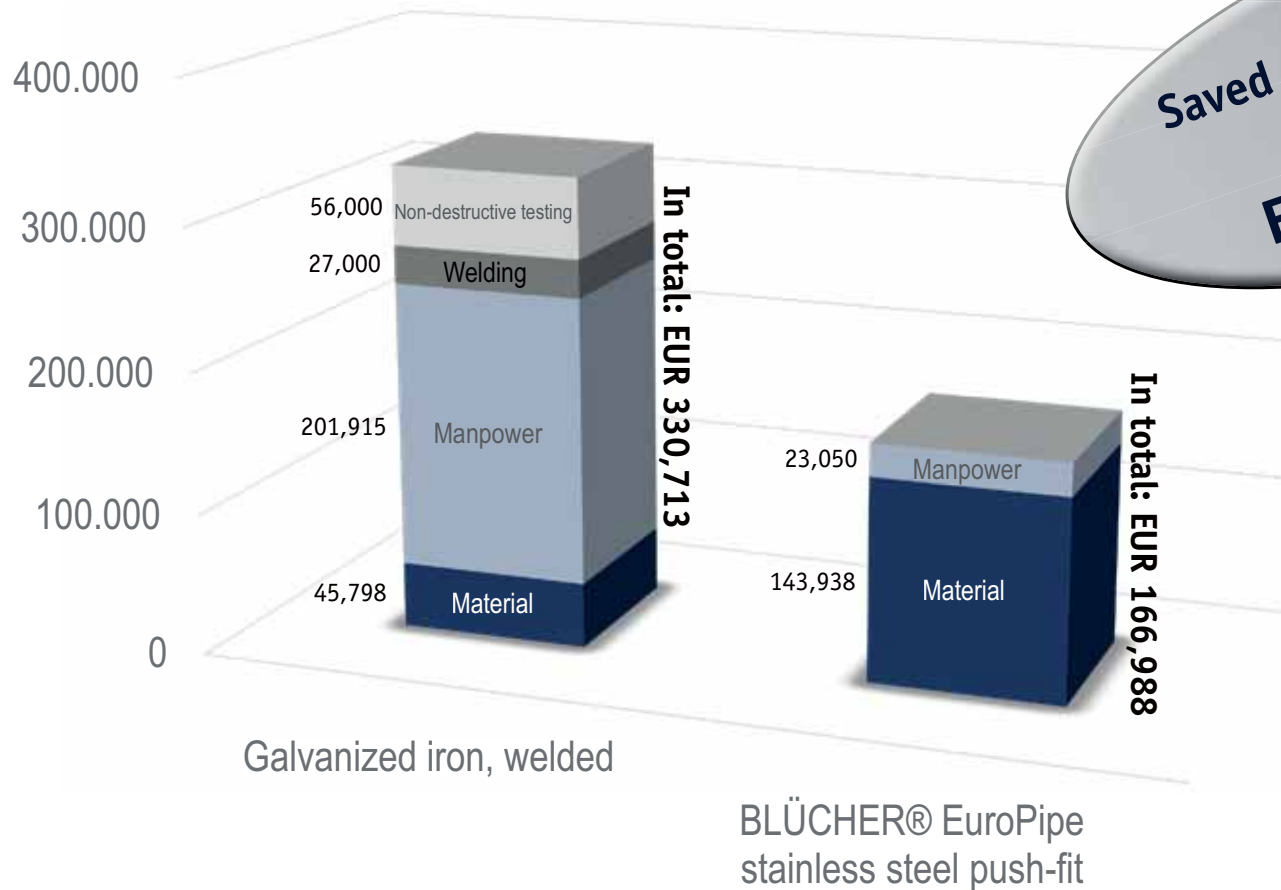
Manpower cost total: EUR 23,520

Installation time



Total costs (EUR)

Total costs



Saved by using BLÜCHER® EuroPipe stainless steel push-fit
EUR 163,725 = 49,5%

Would you like to know more?
Contact us at marine@blucher.com
to request the full cost comparison report.



Stainless steel sanitary discharge system for black and grey water in gravity and vacuum applications

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