

We develop the ingenious technologies and products for welding and joining to offer customers utilizing JFE's steel products with assurance and ef ciency.

Welding & Joining Technologies for Steel Sheets

Welding & Joining Technologies for Steel Plates & Pipes

Intelligent Spotwelding, Pulse Spotwelding, Single-Side Spot technologies are developed as the advanced welding technologies. Fulletime loped for customers to use JFE's products with con dence. numerical simulation technologies for analysis of welding process and weld joint strength are developed.

Innovative welding and joining technologies (various types of arc, welding, adaptive controlled spot welding and remote laser welding electroslag, laser beam, etc.) for thick plates and pipes are researched and

| | 0.18s | |
|-------|-------|--------|
| 0.06s | 1.30s | /VHHFU |

Technology for Safety Assessment & Analysis

In order to improve the safety of welded steel structures, we propose steel material development and application technologies utilizing fatigue and fracture assessment and analysis techniques.