

Steel & Metal Production Connectivity Solutions by



LAPP

Partner with LAPP

- Full end-to-end engineering and technical project support.
- 1-stop shop with our full range of off-the-shelf products and custom solutions.
- On-time delivery of products and cable assemblies.
- Custom cable assemblies for fast installation and reduced field wiring issues.
- Robust materials and constructions that stand up to heat, oils, and motion.

Ready for the Heat

High heat quietly destroys ordinary insulation, embrittles jackets, and injects noise into controls. LAPP cables are engineered to hold their electrical and mechanical properties to provide cleaner signals, fewer drive faults, and longer maintenance intervals.

Tray-rated cables

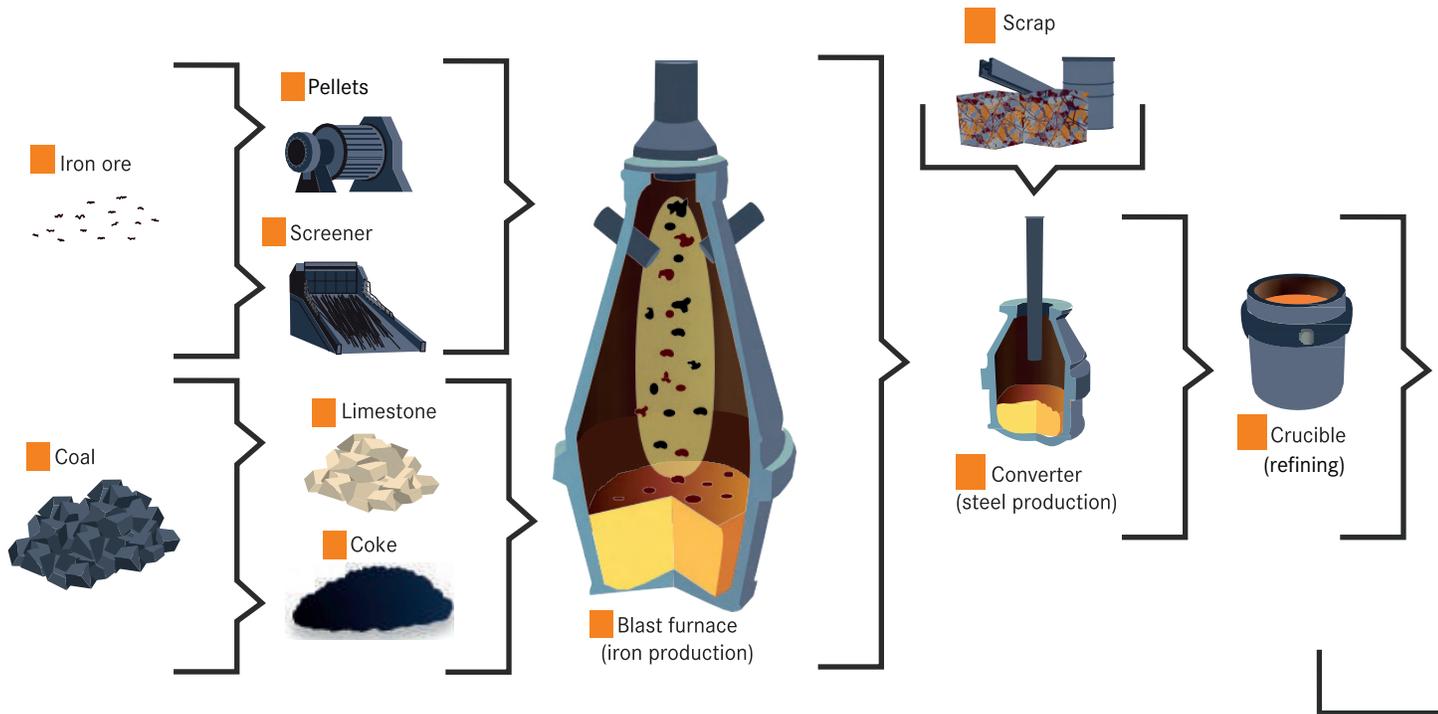
Cable trays carry much of the industrial network infrastructure that connects PLC's to VFD drives, motors, and sensors throughout your facility. LAPP's industry-leading tray-rated cables speed installation, simplify expansions, and reduce downtime.



**LAPP provides complete industrial network
connectivity solutions that keep your production
moving to maximize output.**

LAPP products for steel mills

Blast furnace



ÖLFLEX® 190
Extreme oil-resistant control cable, AWM certified for machinery.

ÖLFLEX® TRAY II
PVC cable for tray use and superior performance in oil. With UL-TC approvals, no conduit required.

ÖLFLEX® TRAY K
PVC cable for tray use and superior performance in oil. With UL-TC approvals, no conduit required.

ÖLFLEX® HEAT 180 MS
High temperature silicone cable rated to 180°C, with insulated option.

ETHERLINE® Cat.5e, 6, 6A, 7
Cable for continuous communication at the sensor/actuator level to the network.

UNITRONIC® BUS PB FC
Cable Fast Connect para PROFIBUS DP, uso en cadena portacable.

ÖLFLEX® VFD 1XL
Flexible VFD cable; 600V/1000V; UL & c(UL) TC-ER approval.

VFD TGK FLX SYMMETRICAL
Flexible VFD cable with superior shielding to minimize EMI effects.

ÖLFLEX® VFD 2XL
Robust oil- and UV-resistant shielded VFD cable, with XLPE (plus) insulation for up to 2kV.

ÖLFLEX® VFD 2XL SYMMETRICAL
Large AWG 2kV VFD cable designed with 3 symmetrical grounds.

ÖLFLEX® SERVO 7TCE
Flexible, robust cable for equipment or cable tray. Low capacitance design.

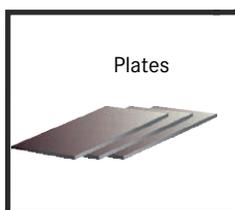
UNITRONIC® 300
300V multi-conductor V-resistant multi-conductor cable for equipment meeting NFPA 79.

ÖLFLEX® CHAIN TM
UL TC-ER rated cables for continuous flex applications with shielded option. Strong oil and flame resistance

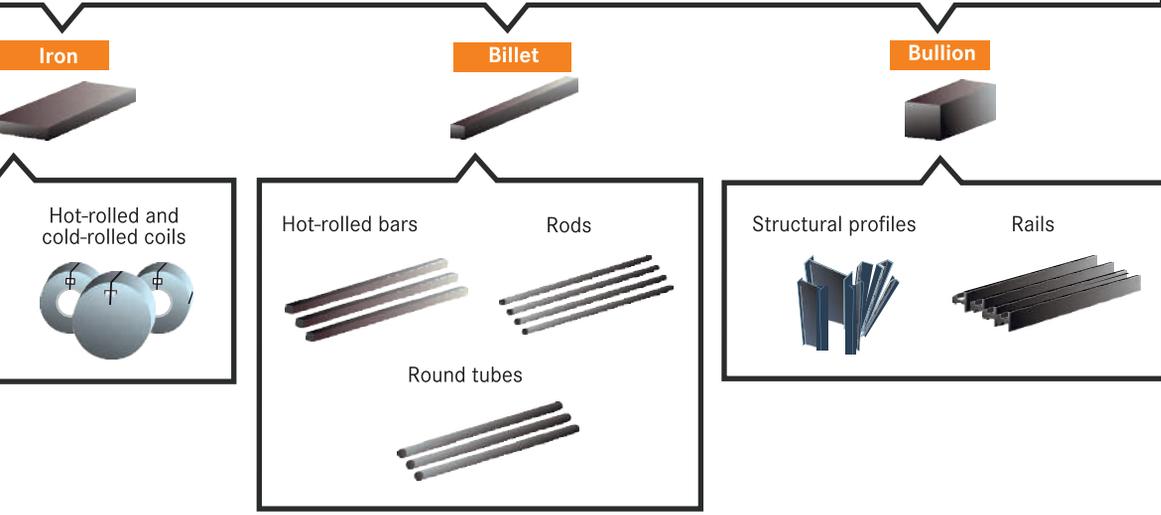
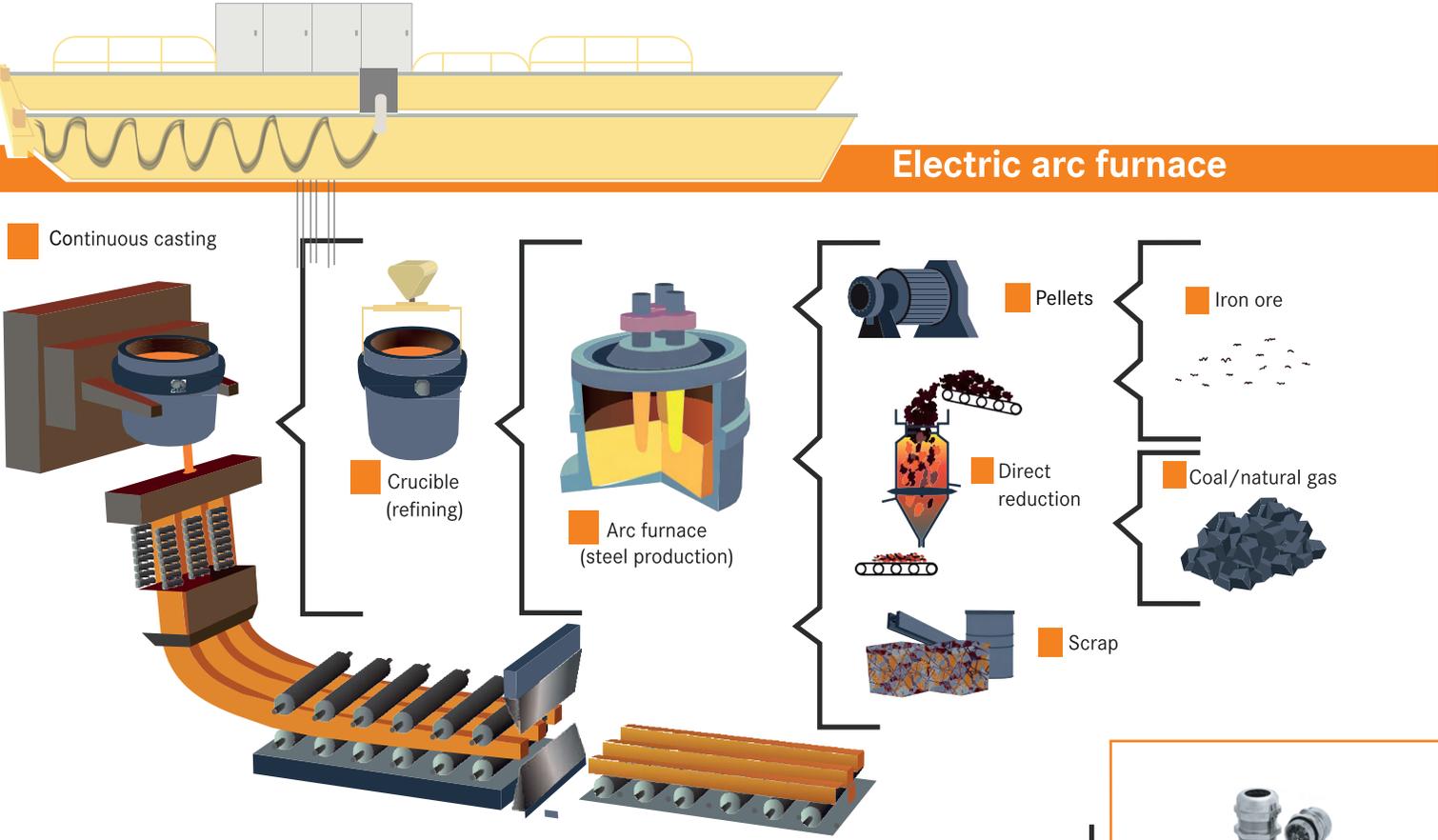
ÖLFLEX® FD 855 P, 855 CP
For extreme mechanical stresses, continuous flex, expanded temperature range. Polyurethane jacket.

ÖLFLEX® Multi Standard Hook Up wire
Internationally approved hook-up wire meets North American and European requirements.

ÖLFLEX® FLAT
PVC cable, for festoon applications within a wide range of indoor and outdoor temperatures.



Electric arc furnace





SKINTOP® MS-SC
Addresses EMI with ground, strain relief, and sealed from moisture and dust to IP68 for secure shield connection.



EPIC® ULTRA
Robust corrosion-resistant connector.



EPIC® DATA
Fast Connect connector.



SILVYN® CHAIN
Metal cable chains for all types of dynamic applications.



SKINTOP® MS-M BRUSH
Provides centered, fixed strain relief with a liquid-tight and dust-proof seal.



SKINDICHT® SHV FKM
Special for high temperatures, hermetic, resistant to oils, acids, and chemicals.

Iron making, Steel making

Power: heat-tolerant, thermoset insulation. Heat-resistant jackets.

Control: Flexible cables for valves, drives, and sensor loops. Abrasion-resistant jackets.

Data: Noise-resistant data backbone, high shield coverage.



Aluminum Processing

Power: flexible cable with oil- and cut-resistant jackets for drives, pumps.

Control: Continuous flex and small bend radius cable for encoders, actuators, dosing systems.

Data: Ethernet/fieldbus with high EMI protection.



Cold rolling, Hot rolling

Power: VFD motor cables with XLPE insulation & asymmetrical grounding.

Control: Robust control/feedback cables for AGC with strong oil/abrasion resistance.

Data: strong shielded Ethernet for proximity to high-horsepower cabinets. strong shielding.

Surface Treatment & Coating

Power: Chem-resistant cables for heaters, agitators, and pumps.

Control: Reliable signal to dosing valves with EMC control to avoid false trips.

Data: High reliability links from vision systems and QC stations.

LAPP has the connectivity infrastructure that keeps your lines running with industrial power, control, and data cables plus connectors, glands, and cable assemblies.