

## Introduction

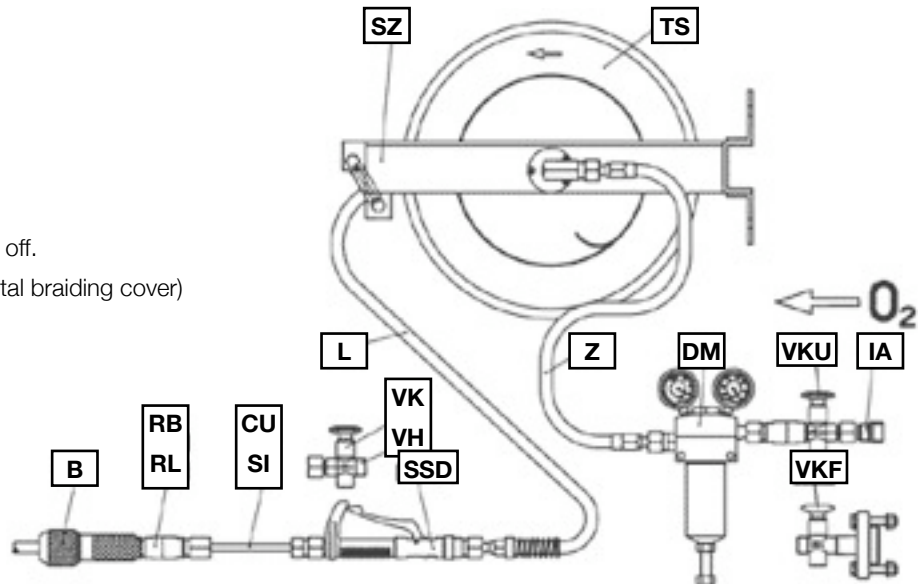
For more than 40 years **Beda Oxygentechnik** have been manufacturing oxygen equipment for the iron & steel industry with the object of providing a safe working environment for all workers that use a potentially hazardous material. The following is an overview of **Beda** products.



## Oxygen Burning Lance

A **safe** oxygen burning system consists of:

- B Lance holder
- RB, RL Backfire & slag return safety devices
- CU, SI Safety extension tube
- SSD Quick shut off valve
- VK, VK Hand valves half turn or five turn shut off.
- L Security lance hose (glass fibre or metal braiding cover)
- T Safety hose reel
- SZ Hose roller guide
- Z Connecting hose
- DM Pressure regulator
- VKF/U Shut off valve at O<sub>2</sub> supply line
- IA Adaptor with cone



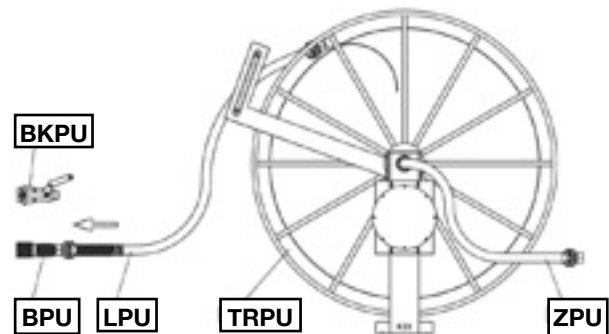
## Injecting Lance for Electric Arc Furnaces

A **safe** oxygen injection system is similar to the above with the addition of a lance holder with lever lock, lance holder "3 in 1" & heavy duty slag return safety device.

## Carbon Powder Injecting Lance

Best possible equipment for this job consist of:

- BPU BKPU Lance holder, lance holder with lever lock
- LPU Special hose
- TRPU Hose reel
- ZPU Connecting hose



## Safety Devices for burners in Electric Arc Furnaces and other coherent jet burners.

**Heavy gas flow-back with ignition of the burner supply lines has the potential for serious accident & expensive down time.**

**CHEAP non return check valves cause gas flow-back & are NOT SAFE enough. They also reduce gas flow by up to 50%**

### The Beda Solution

**Beda Two Function Safety Device** - Non-return valve plus Thermoement OR **Beda SAFETY MAX** - stops all uncontrolled ignitions within the furnace burner supply lines.

## Argon Stirring Sets 600°C

Argon stirring sets are prone to leakage if standard non heat resistant rubber joints are used. A leakage of 20%-30% will cost the company **\$60,000** or more per annum per ladle, it will reduce overall stirring efficiency by up to 10% & halve the life of the porous plug.

**Beda** manufactures heat resistant to **600°C** Argon stirring sets & components that will suit most ladle configurations.

**Install now & save money.**

## Hoses & Hose Reels

Hoses & hose reels for all types of media from steam, hot water, oil & gases to carbon powder & lime. Reels that are spring, motor or pneumatic driven for one or two hoses. Hose roller guides to ensure problem free winding of hoses up to 40 metres in length. Special hose reels for a transport vehicle. Illustrated example: Ladle car application.

