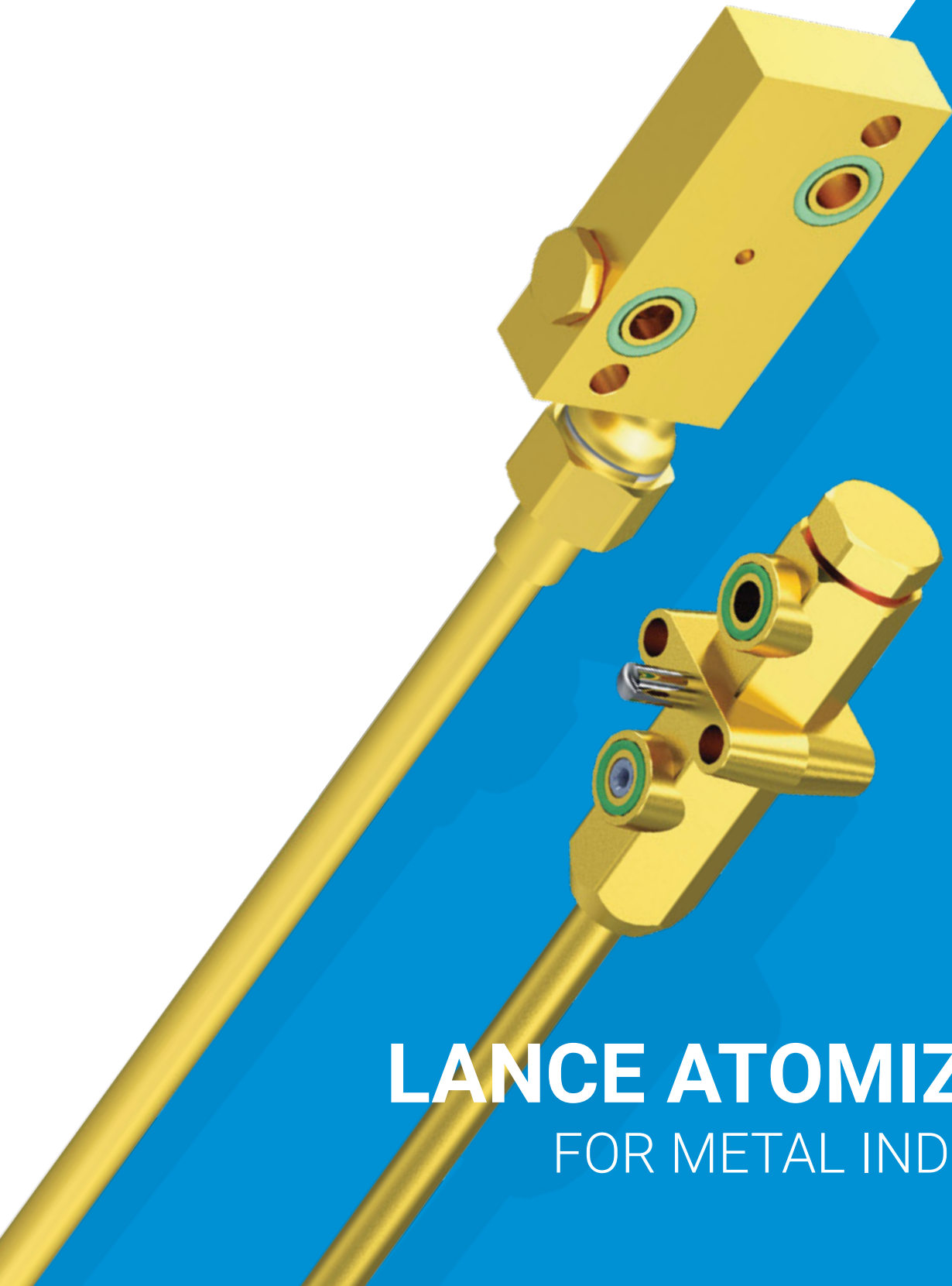




SPRAY NOZZLES FOR INDUSTRIAL APPLICATIONS



LANCE ATOMIZERS FOR METAL INDUSTRY

LANCE ATOMIZERS FOR METAL INDUSTRY

In continuous casting, and in slab casting in particular, lance atomizers replace conventional compact atomizers, currently called block atomizers, where the atomizer body is equipped with an extension and the spray tip is located at the exit end of the extension.

The reasons of this replacement are due either to the geometrical need to insert the spraying pipe between rolls, whose clearance is often very small and prevents the use of block atomizers, or to the convenience to position the feeding pipes far from the intensely heated area near the slabs.

LANCE ATOMIZERS CAN BE CLASSIFIED ACCORDING TO DIFFERENT PARAMETERS

ATOMIZER'S BODY

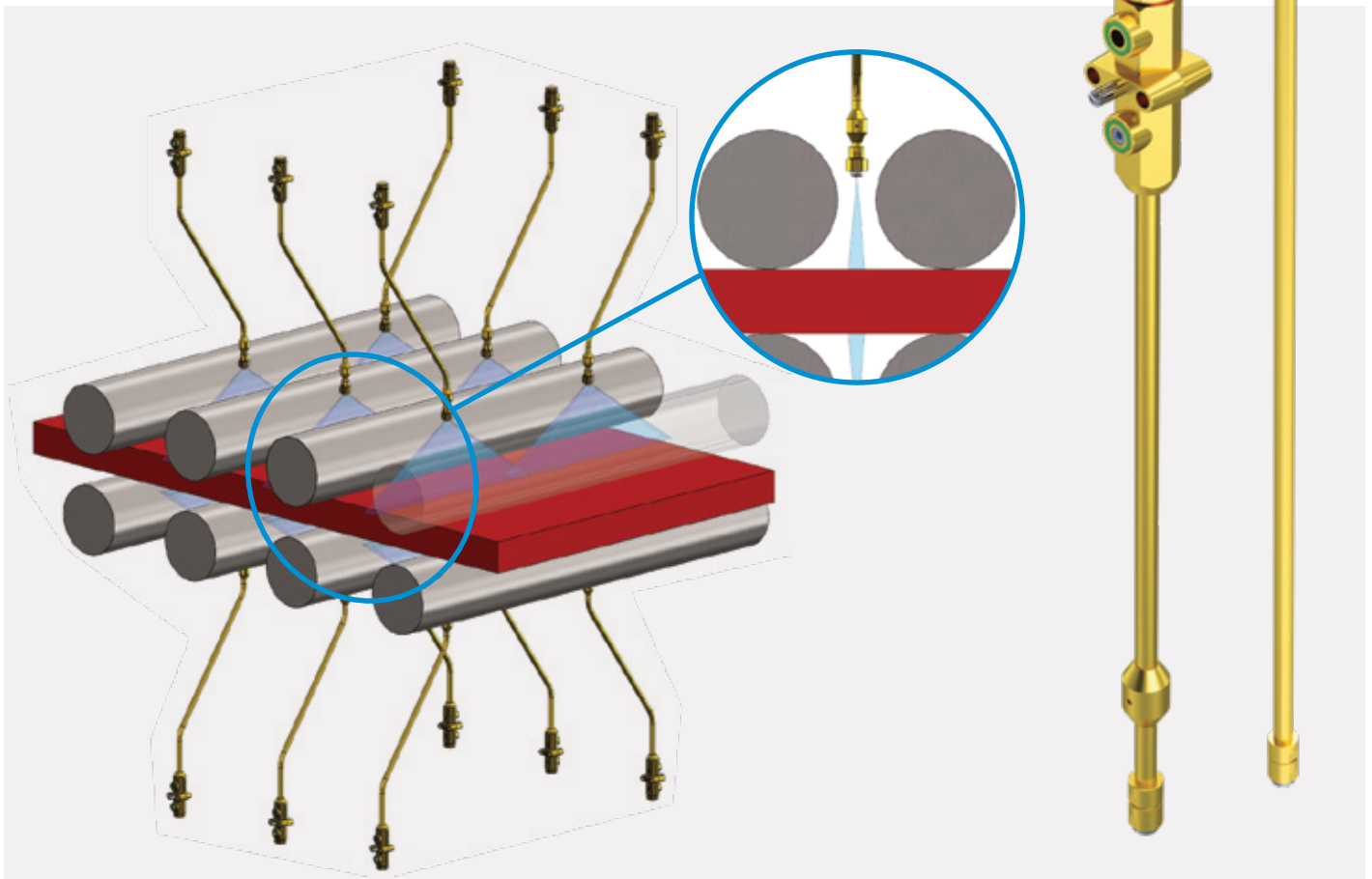
the body where atomization is generated is matched by a plug-in connection to fluid feeding ducts, may have different shapes according to the model and may be casted or machined.

GEOMETRY OF THE PIPE

straight pipe, or bent type.

CONNECTIONS OF THE PIPE TO THE BODY

the extension pipe is welded onto the block body, or the extension pipe is screwed to the block body with a locknut.



MB TYPE**MT TYPE**

Casted body, with welded extension pipe

Casted body, with screwed extension pipe

Machined body, with welded extension pipe

Machined body, with screwed extension pipe

Straight extension pipe**Bent extension pipe*****Angles can be customized***Locknut, nozzle and extension pipe****WATER****AIR****SPRAY ANGLE****MAX FLOW RATE****OPERATING PRESSURE****MAX FLOW RATE****OPERATING PRESSURE**

70 l/min

0,5 - 10 bar

70 m3/h

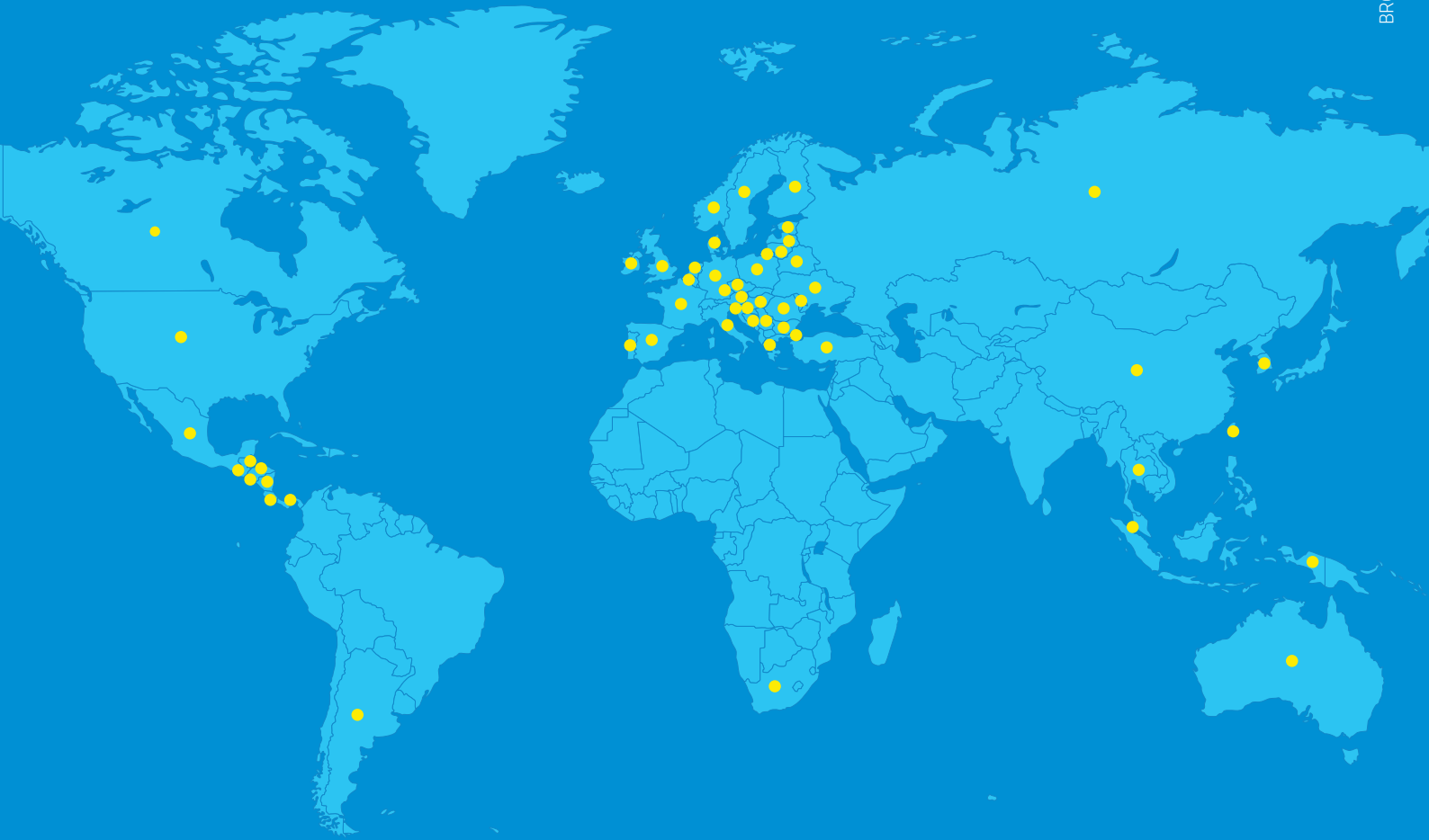
1 - 4 bar

30° - 130°

WATER		AIR		SPRAY ANGLE
MAX FLOW RATE	OPERATING PRESSURE	MAX FLOW RATE	OPERATING PRESSURE	
70 l/min	0,5 - 10 bar	70 m3/h	1 - 4 bar	30° - 130°

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