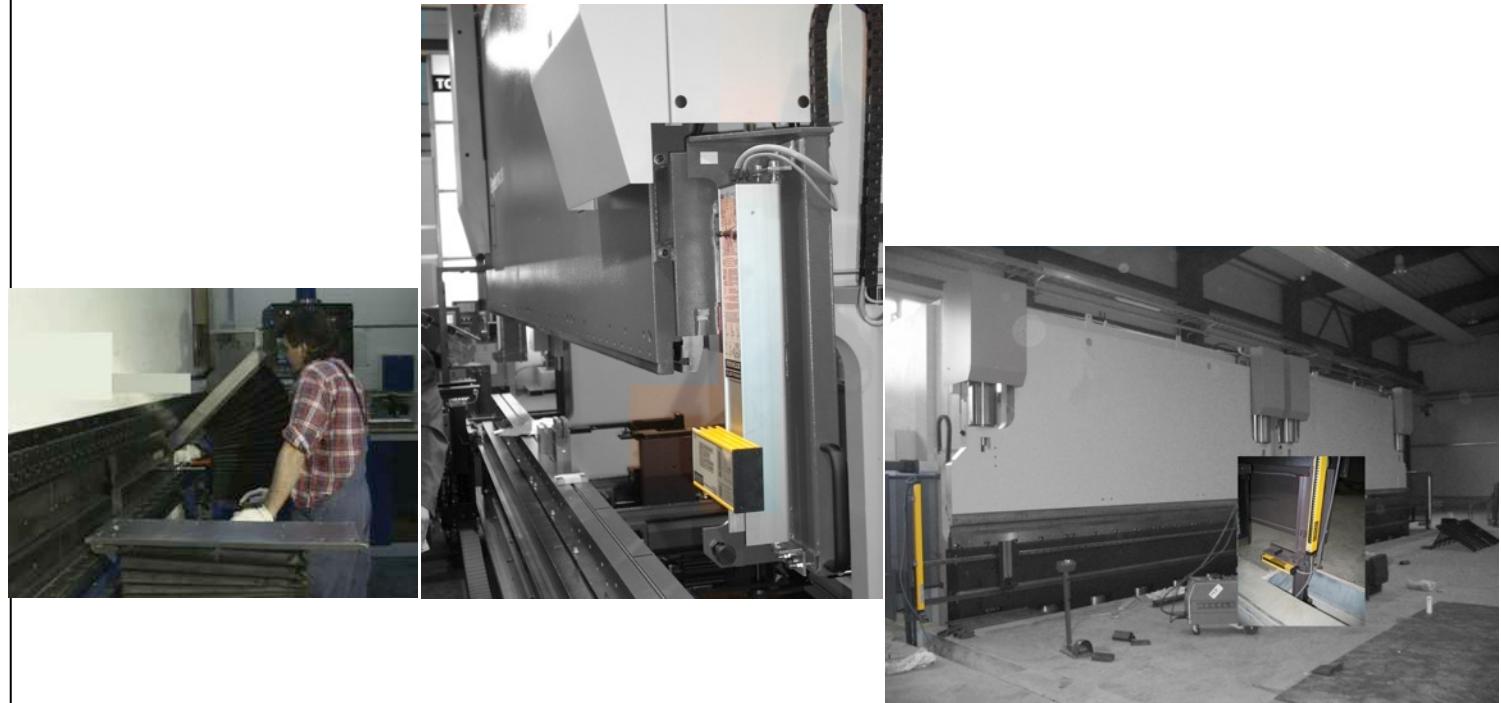


Safety solutions for press brakes

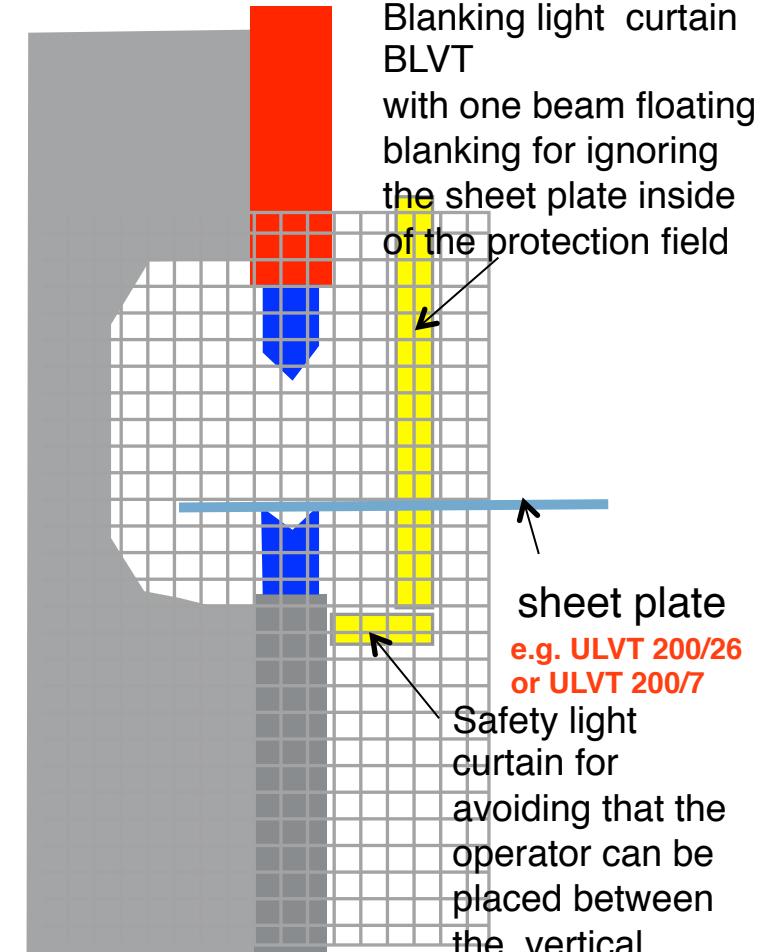


Solution A: BLVT

Press brakes
without
specifications



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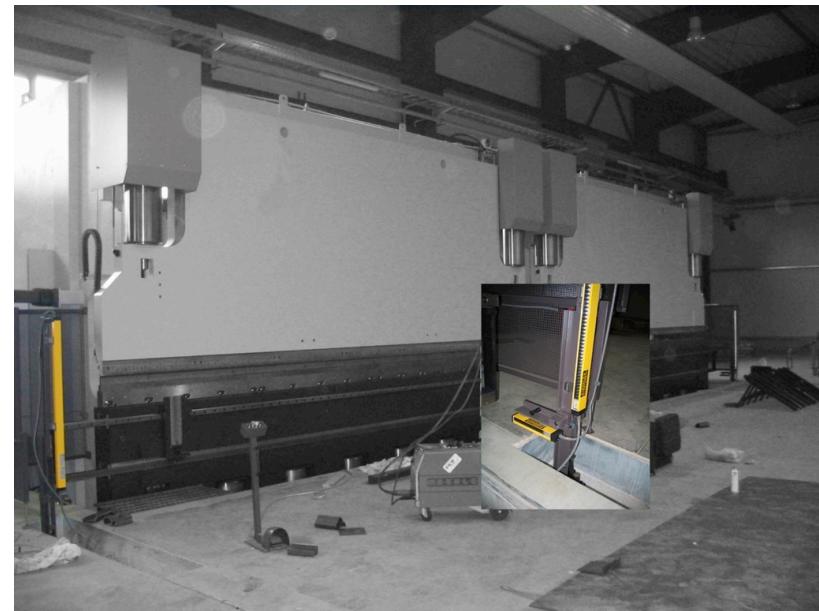
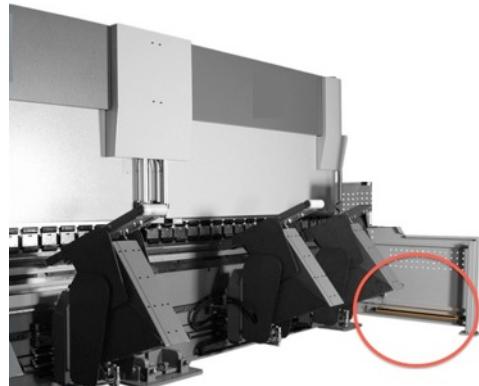
Blanking light curtain
BLVT
with one beam floating
blanking for ignoring
the sheet plate inside
of the protection field

sheet plate
e.g. ULVT 200/26
or ULVT 200/7

Safety light
curtain for
avoiding that the
operator can be
placed between
the vertical
BLVT light curtain
an the press
brake itself

Safety solutions for tandem press brakes

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Solution B₁: Tandem: 2 x BLVT

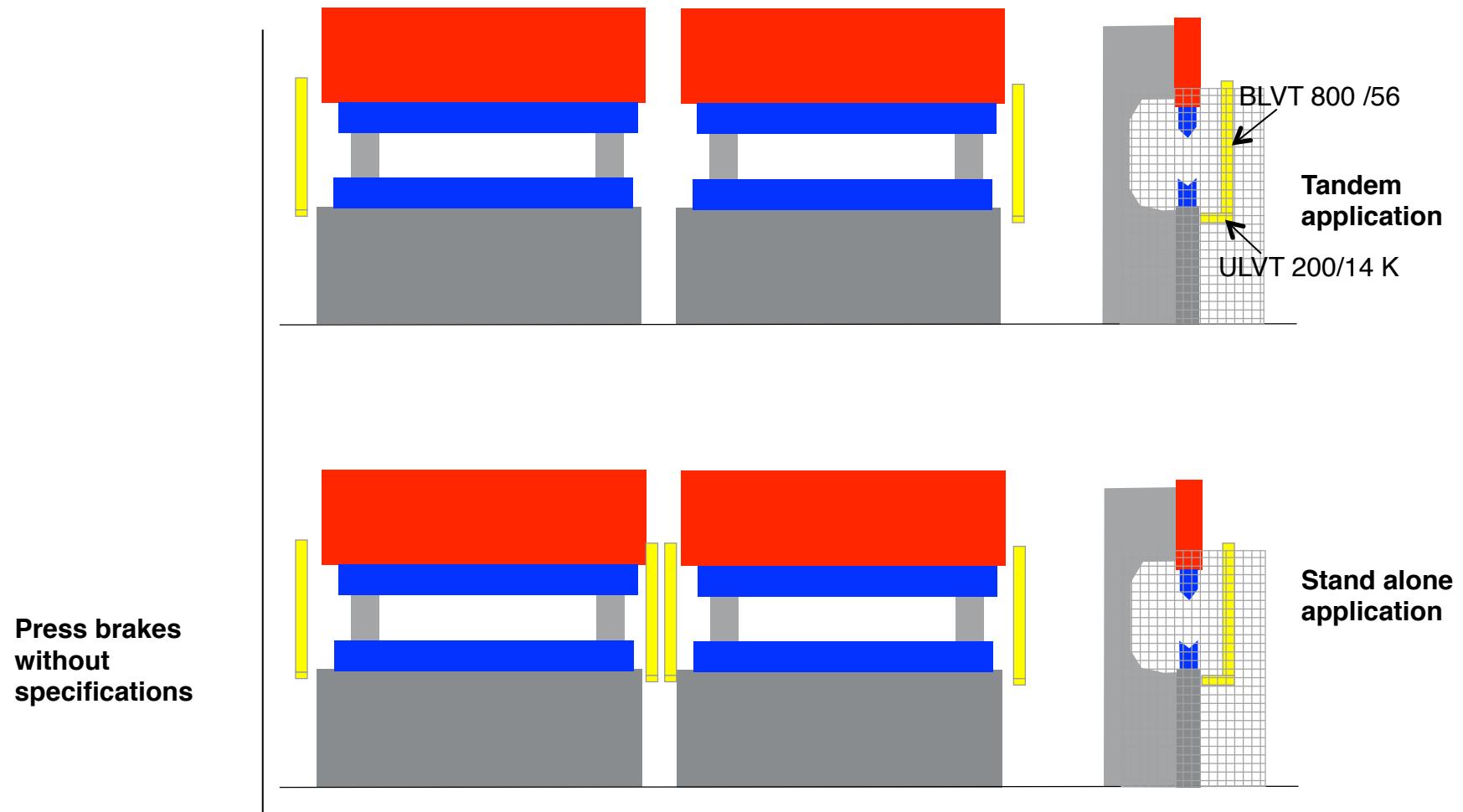
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**Press brakes
without
specifications**



Solution B₁: Tandem: 2 x BLVT

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Solution B₂: Tandem: 1 x BLVT + 2 x AKAS®

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A:

In separately mode both press brakes are protected with special AKAS® mounted in the clamping area. (This solution works only if the upper tool and the matrix are high enough)



B:

In Tandem mode, the press brakes are protected by a safety light curtain BLVT.

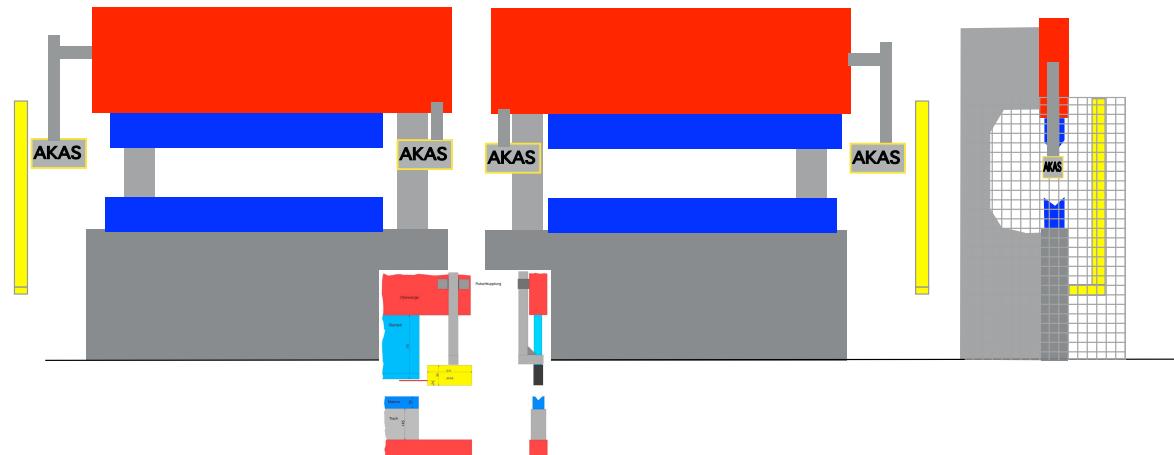


Solution B₂: Tandem: 1 x BLVT + 2 x AKAS®

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ELEKTRONIK

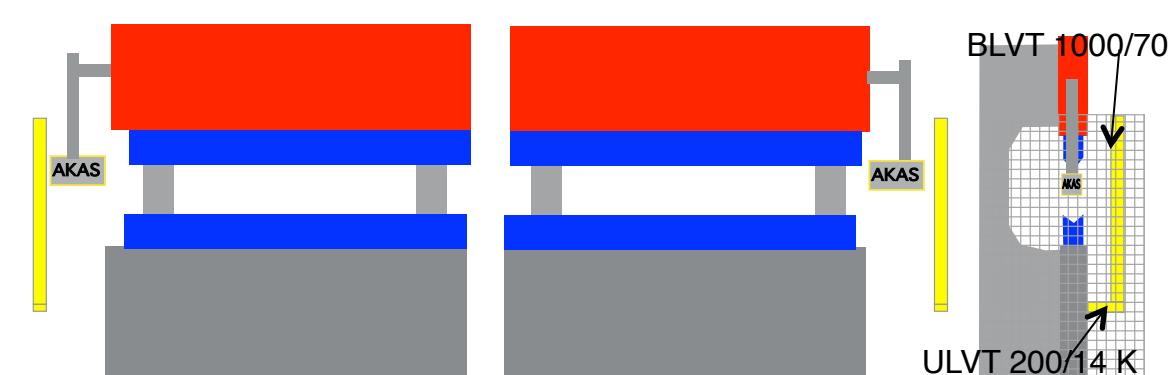
A:

In separately mode both press brakes are protected with special AKAS® mounted in the clamping area. (This solution works only if the upper tool and the matrix are high enough)



B:

In Tandem mode, the press brakes are protected by a safety light curtain BLVT.



Solution B₂: Tandem: 1 x BLVT + 2 x AKAS®

FIESSLER
ELEKTRONIK

A:

In separately mode both press brakes are protected with special AKAS® mounted in the clamping area. (This solutions works only if the upper tool and the matrix are high enough)



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In Tandem mode, the press brakes are protected by a safety light curtain BLVT.

Solution B₂: Tandem: 1 x BLVT + 2 x AKAS®

FIESSLER
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A:

In separately mode both press brakes are protected with special AKAS® mounted in the clamping area. (This solution works only if the upper tool and the matrix are high enough)

B:

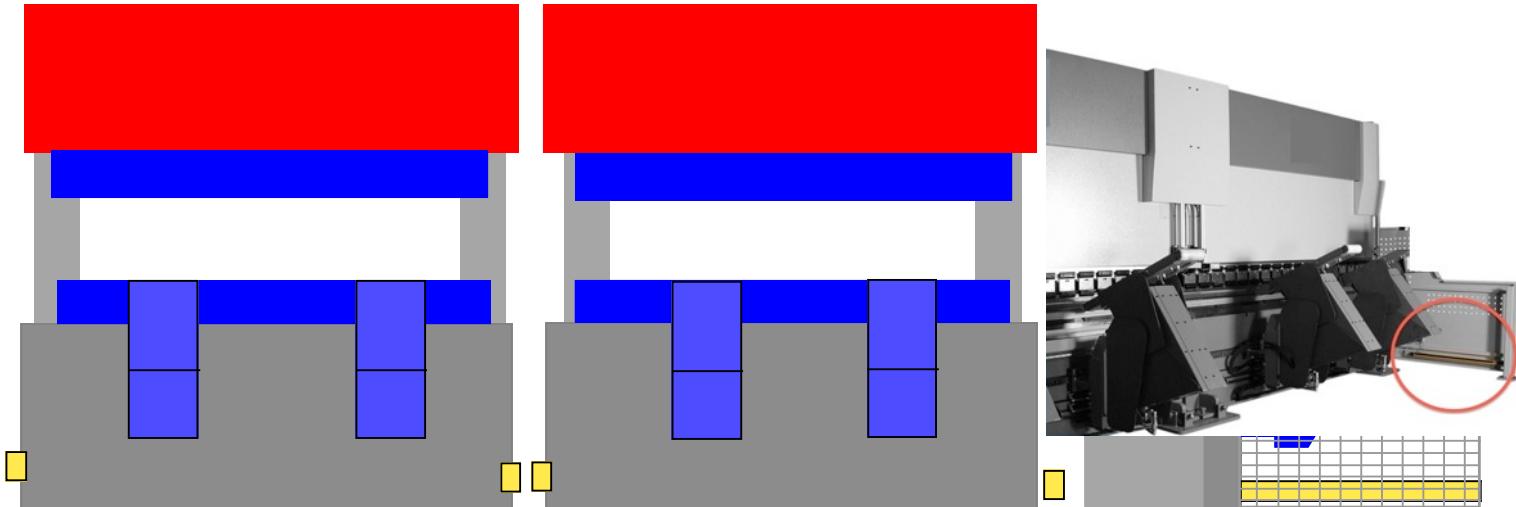
In Tandem mode, the press brakes are protected by a safety light curtain BLVT.



Solution D: BLVT or ULVT

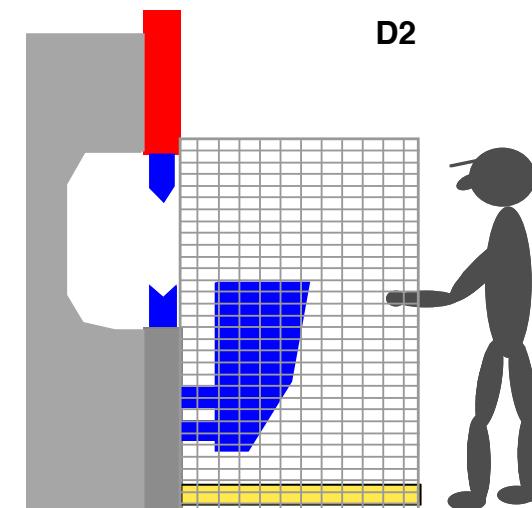
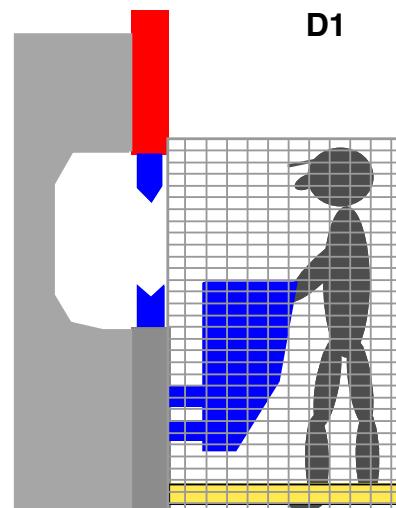
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Bending support
or aid.
Tandem 9m -24m
length.



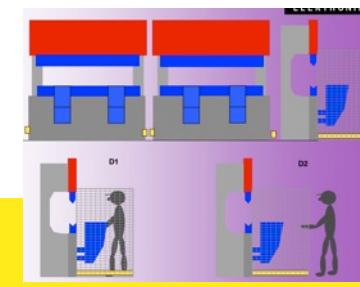
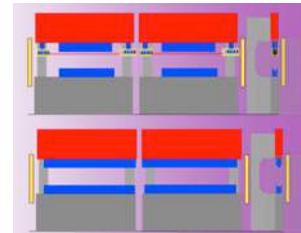
D1:
Operator interrupts
the safety light
beams => press
brake close only in
slow speed
 $V \leq 10 \text{ mm/s}$

D2:
Safety light grid is
not interrupted,
press brake close
in high speed

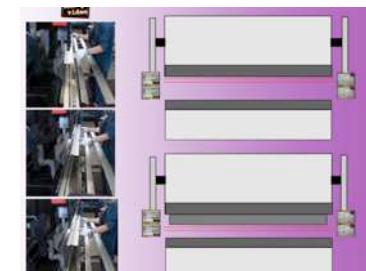


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