

INSTRUCTIONS: Open on your PC, fill out this form, then email back to the above address.

How To Determine The Correct Length For Your Press Brake

Each AKAS system must be sized to match your useable press brake stroke. Many customers buy based on the tooling heights as noted below. But if you are a job shop or considering using more of the press brake's full stroke in the future you should size for that longer length. For a small price difference now you can match the stroke length and avoid a costly replacement later when your usage changes.

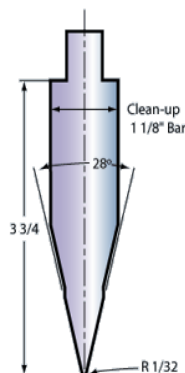
To purchase a AKAS that matches your current setups, determine the difference in height between the shortest and the longest punch that you would ever use. Subtract the shortest punch from the longest punch, and the difference is the travel distance the AKAS would need as shown below.

Use this formula: longest punch – shortest punch = maximum AKAS travel distance

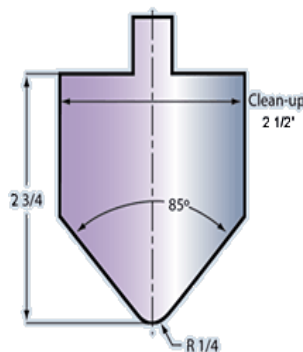
5.9 inches	=	150mm
7.4 inches	=	190mm
11.4 inches	=	290mm
15.3 inches	=	390mm
19.2 inches	=	490mm

Example

Longest Punch



Shortest Punch



$3 \frac{3}{4}'' - 2 \frac{3}{4}'' = 1$ inch then choose the AKAS 5.9'' (150mm)



email: sales@pressbrakesafety.com

When considering the purchase of a AKAS Laser Safety System for retrofit to your existing press brake be reminded that the quantity and accuracy of the following information has a huge impact on the success of the installation. Additionally to ensure a type 4 classification certain aspects of the interface *cannot* be comprised. **Although a basic 110vac installation price will be quoted, press brake operational deficiencies, information errors, omissions or onsite scheduling issues may impact the installation possibly resulting in additional charges.** Providing us with the correct matching electrical and hydraulic schematics showing current wiring configuration in a timely manner must be provided prior to determining the installation schedule. Each AKAS installation requires one of these documents to be filled out detailing the installation particulars. The service can only be scheduled after PBS approval has been given.

Contact the press brake manufacturer for answers to questions you may not know.

Note: at this time AKAS Laser Safety Systems can only be applied to standard hydraulic and servo press brakes. It is expected that the chosen press brake be fully operational and meet manufacturers specifications regarding ram repeatability and working speeds. If the press brake requires service then complete that work before requesting AKAS installation.

Please provide:

Company Name: _____

Contact Name: _____

Address, City & State: _____

Phone / Email / FAX: _____

Machine location (if different address) _____

(1) Press Manufacturer _____ Year _____

Model# _____ S/N _____

(2) Are hydraulic and electrical schematics submitted with this form? Yes _____ No _____

(3) Press brake controller manufacturer? _____ Model # _____

Serial# _____ other details _____

(4) Press brake digital photos submitted: Tooling Rack - front view _____ end view _____

Front _____ Rear _____ Rt. side _____ Left side _____ Inside of elect. cabinet _____

Special die sets:

(5) Foot pedal type: Electric _____ Hydraulic _____ Treadle _____ (supply photo if unsure)

(6) What is the press brake ram direction of operation? Up-acting _____ Down-acting _____

(7) If this brake has a back gauge, what is the brand and model number and how many axis?

Brand: _____ Model: _____ Number of Axis: _____

(8) The AKAS is mounted on the ends of the moving beam. Each mounting requires the ram or moving beam to provide 4.5" of flat vertical mounting surface above tool holding devices. Is this area available for mounting the AKAS arms? Yes _____ No _____ ***if unsure send a picture***

(9) At any time during the workday or typical use of the press brake will anything extend beyond the ends of the moving beam? Yes _____ No _____ ***if unsure provide additional details***

(10) What configuration of die sets are used on this press brake? _____

(11) Height of tallest punch _____ Height of shortest punch _____ If punch extensions are used, what height(s) are they? _____

(12) What is the complete stroke length of the moving beam? _____ in or cm

(13) What is the maximum opening of the distance between the bed and upper beam when no tools are installed? _____ in or cm

(14) What is the approach or fast speed of the moving beam? _____ mm/sec or in/min

(15) What is the bending speed or slow speed of the moving beam? _____ mm/sec or in/min

(16) Does this press brake use speed change selector switches? Yes _____ No _____

If so provide the manufacturers information. _____

(17) What is the press brake ram overshoot distance? _____ mm or in
(It is the distance the ram takes to stop after the stop command is given, call Mfg. if you don't know)

Please submit the electrical and hydraulic schematics, photos and completed forms to
sales@pressbrakesafety.com or call **1-800-901-1193** if you have questions.

Thank you for your cooperation.