



Alignment Runways

BEE LINE WHEEL ALIGNMENT



Bee Line Advanced Aligners featuring patented Bee Line Turning Aligners are multi-functional work horses for alignment shops, body shops, garages, dealer service centers, tire centers, and fleets. They handle all makes of small cars through the heaviest trucks up to 32,000 lbs. per axle. These systems are available in a variety of Drive-On, Drive-Thru, and Pit Model Installations.

Bee Line Advanced Aligners accommodate vehicles with tread widths from 39" to 94" or 54" to 108". Numerous pit or above ground models are available for alignments from either direction.

Mixing and matching Bee Line alignment equipment lets you custom design an aligner system to best fit your facilities and your production requirements.

The Bee Line add-a-unit design safeguards your investment against obsolescence and is expandable to meet your needs. Each piece is engineered to assure safety and flexibility through a wide range of vehicles.

Alignment Runway Specifications:

- Load capacity 16 tons (14.51 M ton) per vehicle axle.
- Removable 19 inch x 45 inch (48.26 cm x 114.3 cm) runway sections. (25 inch x 45 inch optional)
- Adjustable tread width 45 inch to 100 inch (114.3 cm to 254 cm).
- AR330C - 24 inch double approach 15' 9" long (480.06 cm) or AR330D - 30 inch double approach 19' 3" long (586.74 cm).



The forward runways are removable for easy access to the vehicle when making a variety of adjustments.



Bee Line's Heavy-Duty Air Lift Jacks provide safe and easy vehicle lifting on all Advanced Aligner Runways. The dual air lift jacks have a capacity of 3500 lbs. for each 25 lbs. of line pressure at the valve.



Space Saver Ramps



Bee Line designed the Space Saver Ramp to be installed in a smaller area than a standard ramp alignment system by reducing the total number of machine sections required. The design of the Space Saver allows a major portion of the ramp to be raised hydraulically to an operating level equal to the height of the Advanced Aligner Runways.

The Bee Line Space Saver Approach Ramp eliminate the problems associated with pit drainage, pit leakage, and soil contamination, making EPA compliance much easier. The approach ramp incline angle allows low profile busses and RV's to drive on without bottoming out.

The Space Saver Alignment System is totally above ground adding these great benefits.

- Easier to maintain and clean.
- No air circulation requirements.
- No water problems associated with pits.
- No exhaust fan requirements.
- No building permits, digging or EPA considerations.
- Lessen insurance and injury worries.

Space Saver Ramp Specifications:

- Length of Approach Ramp: 23 feet 4 inches
- Lifting Length: 16 feet
- Ramp Height: 24 inches or 30 inches
- Lifting Capacity: 12 tons, hydraulically powered
- AR350 model is used with 24 inch high Runway Sections. Incline angle: 4.5 Degrees
- AR350.30 model is used with 30 inch high Runway Sections. Incline angle: 5.7 Degrees



The longer design of the new Space Saver lifting ramp creates a more gradual incline and requires less runway sections.



With the truck in position, the Runways are hydraulically lifted with the touch of a button.