

## Center Mount Y-Frame Electric or Manual

IPI Y-Frame height adjusters can be mounted to either 6" diameter (18.9" circumference) or 6 5/8" diameter (20.8" circumference) center drop tubes. Available in either manual operated or electric operated models, each unit makes adjustments from official 10' rim height to 8' rim height quick and easy. Available to adapt to any common backboard size including 42" x 72" or 48" x 72" rectangular or traditional fan shaped.

When raising and lowering, two 1 7/8" galvanized tubular tracks ride in steel guide tubes to provide smooth up and down operation. Easy to read rim height labels insure proper height every time. Specify center drop tube size, backboard type and manual or electric operation at time of order. Two-year limited warranty.

### IPHA120YE Electric

Simplify raising and lowering goals with IPI electric height adjusters. This height adjuster has similar features to IPHA120YM below but substitutes a 120 volt UL approved linear actuator for the manual lead screw assembly. Linear actuator has adjustable limit switches to automatically stop the goal at official 10' height and at the bottom goal height of 8'. Each electric height adjuster requires 110 volt power that can be hardwired from the ceiling to allow operation with any of our wide variety of control systems or can be operated with a portable wand that plugs into any 110 volt outlet to eliminate the need to hardwire. See BA980EW below. If ordering for retrofit, specify 6" or 6 5/8" drop tube diameter and backboard type along with desired operator control device (see page 14). **Two-year limited warranty.**

### IPHA120YM Manual

The least expensive rim height adjuster. Rim is adjusted by means of a hand crank from the floor. A 7/8" threaded acme lead screw and nut is rotated clockwise to raise goal and counter clockwise to lower. Hand crank is included with each order. If ordering for retrofit, specify 6" or 6 5/8" drop tube diameter and backboard type to insure proper selection. **Two-year limited warranty.**

### BA980EW Portable Electric Wand

Allows operation of IPI electric height adjusters without costly hardwiring of each height adjuster actuator. Wand is approximately 5' long with a twist lock, 110 volt connector on the top end and a hand operated key switch on the lower end. Comes with 5' of cord to plug into any 110 volt wall plug or extension cord. One wand will operate as many electric height adjusters as you wish. **Two-year limited warranty.**



BA980EW

Electric

### BA931 Cordless Winder

Raise and lower IPI ZipCrank or center mount manual goal height adjusters with this 14.4 volt cordless rechargeable driver. Includes BA935 height adjuster extension rod. Winch will typically raise or lower up to 12 height adjusters with a single charge. Extra batteries are available. **One-year limited warranty.**



BA931

### TR86 Youth Mini Goal

Easy Up™ is a great option to reduce goal height to as low as 6 1/2' for youth play without permanently mounting height adjusters that can only lower rim to 8'. Lightweight, easy to install, remove and store. Mounts to any manufacturer's rim without tools in seconds. Moves backboard 2' closer to free throw line. **One-year limited warranty on structure and goal, lifetime limited warranty on backboard.**



TR86



Design files, certificates, specifications, and more can be found on our website on our Toolbox page and at CADdetails. Please contact us with any questions or if you need assistance with take-offs, customization, or product recommendations. Color samples for our digitally printed items, solid and mesh vinyl, and powder coating as well as catalogs and architect's resource binders are available at no charge upon request.