# MODULAR AND CUSTOM-ENGINEERED ERGONOMIC WORKSTATIONS



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Welcome to AMD's line of modular and customengineered ergonomic workstations and accessories. This catalog will introduce you to our extensive range of  $Operator\ Adjustable^{TM}$  and fixed height workbenches, tables and special-function workstations. As you'll see, our approach involves utilizing both standard components and specialized accessories to meet your specific requirements. Most of our workstations are delivered fully assembled, ready to position and use immediately.

Please remember this catalog cannot show all possible workstation variations, or the custom design-and-build capability we've been providing our customers for over 30 years. It is intended to provide an overview of how we can help you meet the challenge of furnishing your facility with the very best value in high productivity workcenters.









Our 8-minute video demonstrates the unique features and benefits of  $\underline{Operator\ Adjustable}^{TM}$  Workstations.

Contact AMD today for your FREE copy.

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# Ergonomic Workstations: A Good Business Decision... That's Becoming A Business Requirement

The 1990's were called the "decade of ergonomics" as thousands of U.S. companies redesigned their workplace environments to:

- Improve productivity
- Reduce lost work days
- Meet governmental requirements.

#### IMPROVE PRODUCTIVITY

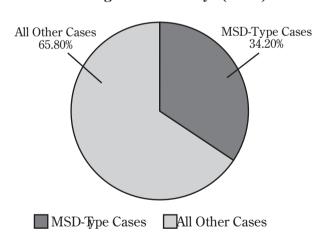
It has been demonstrated that providing employees with adjustable, ergonomically designed workstations can improve individual productivity by 20% or more. Lowering stress and fatigue improves product quality. Putting tools and components within easy reach facilitates workflow and reduces downtime.

#### REDUCE LOST WORK DAYS

Each year 1.8 million workers in the United States report work-related injuries such as carpal tunnel syndrome, tendinitis and other musculoskeletal disorders (MSDs). In 1999 over one-third of all cases involving injury or illness that resulted in lost workdays were attributable to MSD-type injuries...costing American companies billions of dollars. The indirect costs in lost-work time alone have been estimated at \$100 billion per year. The solution to these problems lies in designing ergonomically sound workplace environments. Employers can reduce many of these risks by using properly designed workstations and selecting appropriate tools and equipment for the job at hand. Employers that have implemented ergonomics programs have had great success in avoiding work related injuries, keeping employees on the job, and boosting productivity and workplace morale.



#### Cases of Injury and Illness Involving Lost Work Days (1999)



Source: U.S. Bureau of Labor Statistics



#### MEET GOVERNMENT REQUIREMENTS

More than three-fourths of all states either have adopted, or are proposing, comprehensive standards governing hazards in the workplace. Although OSHA's adoption of a National Ergonomics Standard has been delayed indefinitely, important federal requirements (including those of the Americans With Disabilities Act) remain.

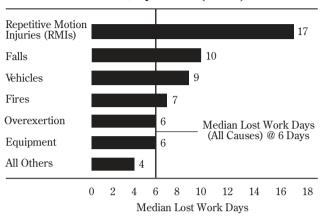
Failure to comply with these laws and regulations can be very costly and extremely disruptive.

Properly designed adjustable workstations, when deployed in conjunction with appropriate tools and equipment, can be a cost-effective means of complying with these existing and emerging legal requirements.

In short, the case for ergonomic workstations has been made. However, questions remain as to: Which manufacturer can best meet the requirements posed by specific applications? Which products provide the best quality and longest useful life? Which design philosophy will provide the flexibility that's needed over time in order to minimize total investment by reducing or eliminating obsolescence?

For hundreds of U.S. companies the answers have been *AMD* and our wide range of modular and custom-engineered ergonomic workstations and accessories.

#### Lost Work Days Median/By Cause (1999)



Repetitive Motion Injuries (RMIs), with a median of 17 lost workdays per incident, led all causes...at almost three times the national median.

Source: U.S. Bureau of Labor Statistics



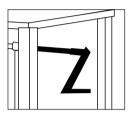


# SEVEN REASONS TO CHOOSE AMD WORKSTATIONS

The popularity of AMD workstations can be traced to our unique approach to workplace design:

"Workstations must be adjustable to be truly ergonomic. They should be modular and upgradeable in design, so as to retain their value under changing conditions. Modifications to standard products that are needed to meet a customer's specific requirements should be provided efficiently and economically."

Based on this philosophy, AMD features products with the following advantages:



### 1. OPERATOR ADJUSTABILITY

AMD offers three different types of height adjustment:

- Hand-Crank
- Electric
- Pin-In-Hole



#### 2. Modular Design

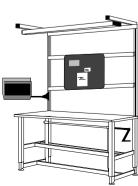


All *AMD* tables and benches can be converted to complete workstations *at any time*, simply by adding upright/overhead frames and accessories. This modular and upgradeable approach provides the flexibility needed to meet changing job requirements efficiently and economically.



#### 3. Features and Design Experience to Meet Every Workplace Need

Whether your application is light or heavy-duty, or whether it involves production, assembly, or special functions (e.g. test and measurement or packaging and shipping), we offer the components, accessories, and design experience you will need. Specialized features such as tilt tops and oversized worksurfaces can be combined with standard components, such as air manifolds or swing arms, in designs that will optimize worker comfort and productivity – regardless of the task at hand.



#### 4. Heavy-Duty Construction

The all-steel, fully-welded construction of *AMD* workstations require little or no maintenance in even the toughest environments. Our long-lasting powder-coat finishes are scratch-resistant and never flake. *AMD* workstations will enhance the appearance of your facility for years to come as they contribute to improved productivity and safety.

### 5. Complete Pre-Shipment Assembly

*AMD* units are shipped fully assembled and skidded, ready for use within minutes of delivery. Not only does this eliminate hours of costly set-up time, it ensures proper assembly and places the responsibility for overall quality where it belongs...on us.

#### 6. Free Trial Offer

Compare the quality and features of *AMD* products against those of any competitor and you'll see why hundreds of companies in all industry sectors have determined that *AMD* products provide the best value. Then consider our Free Trial Offer. Try any of our standard products at your facility for a full 30 days without obligation. If you are not fully satisfied, return them to us within 30 days without obligation. There will be no charge of any kind. Your satisfaction is guaranteed.



### 7. Satisfied Customers in Every Industry

One of the best reasons to consider *AMD* as your workstation supplier is our long and varied list of satisfied customers. They range from AT&T to Xerox and BMW to Zenith, from Fortune 500 giants to successful, small specialty businesses. It's worth noting that a good number of these firms have been our customers for many years, and are willing to share their opinion of *AMD*'s products and services.

With all this in mind we invite you to review the standard *AMD* products in this catalog. Remember that we're always prepared to custom-engineer our workstations to accommodate special tooling or equipment requirements.

Give us a call or visit us on-line at...www.allmetal.com.

### How to Design an AMD Workstation

Follow these six steps to design and equip an <u>Operator Adjustable</u><sup>TM</sup> Workstation that will meet your specific needs.

#### 1. DETERMINE YOUR WEIGHT REQUIREMENTS

You should first determine how much weight the unit will be required to lift (i.e, the "dynamic lift capacity" you will need). Be sure to include the weight of all fixtures, components and tooling that will be positioned on the worksurface.



#### 2. SELECT A BASE (Pg. 10-15)

Select one of our Pedestal, Four-Legged or NEW "Z" Bases

depending on your weight requirements, the size of worksurface needed, and the preferred method of adjustability (i.e. manual, electric). Our most popular and economical units are our AHT line of manually



adjusted workstations...which provide dynamic lift capacities of up to 600 lbs. If your application involves a dynamic lift capacity of 250 lbs. or less...you should consider our SLA-S-250 Models, which offer the convenience of push-button adjustability at a very reasonable cost.

#### 3. ADD BASE OPTIONS (Pg. 16-17)

In addition to either manual or electric drives, AMD's  $Operator\ Adjustable^{TM}$  Workstations can be equipped with a number of options such as tilt tops, footrest, and casters. (All base options must be incorporated into units as they are built, and therefore must be specified at the time the initial order is placed).

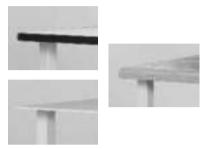


#### 4. Choose A Worksurface (P. 19)

#### AMD's standard worksurfaces include:

- 1-1/8" High-Pressure Laminate (either square or bullnose edging)
- 1-3/4" Maple (bullnose on front edge only)
- 1/4" Steel (powder coated)

Special worksurfaces (e.g. ESD; UHMW) are also available.



#### 5. SELECT AN UPRIGHT OR OVERHEAD FRAME FOR ACCESSORIES (P. 20-21)

The selection of an upright or overhead frame depends on the number and type of tools and accessories



that will be needed. (Overhead frames are required when tools are used with balancers, or when overhead lighting is required. Upright frames can be used to accommodate accessories such as bin rails, tack boards and electric bars.) All *AMD* bases are designed with receiver pockets, which permit the addition or substitution of either upright or overhead frames at any time.

#### 6. SELECT APPROPRIATE ACCESSORIES (Pg. 22-31)

#### AMD's most popular accessories include:

- Overhead Tool Rail
- Overhead Lighting
- Tack Boards
- Parts Bin Boards and Parts Bin Rails
- Electric Bars (120 Volt)
- Upper and Lower Shelves







Remember...you can take advantage of our 30-years of design experience by simply giving us a call...or sending us a picture, digital photo or sketch of your application. We'll respond with a quote...usually within 24 hours.

# MANUAL BASES

Dynamic Lift Capacity = The maximum amount of weight the workstation can lift.

Static Weight Capacity = The maximum amount of weight the unit can hold while stationary.

### SINGLE PEDESTAL BASE

No.	Model # 500 Lbs. Dyn. Lift Cap. 1,500 Lbs. Stat. Wt. Cap.	Fits Top	Color	Wt. Lbs.
1	APT-1	24" x 24" 24" x 30" 24" x 36" 30" x 30" 30" x 36"	Beige	63

- Height Adjustable 12" Range (Approx. 30" to 42")
- 7 Gauge (3/16") Welded Steel Construction
- Durable Powder Coat Finish
- Add Worksurfaces Laminate, Maple, Or Steel
- 16" x 16" Base Can Be Bolted To The Floor



Model APT-1

### SINGLE PEDESTAL H-BASE

No.	Model #  400 Lbs. Dyn. Lift Cap.  1,200 Lbs. Stat. Wt. Cap.		Model # 500 Lbs. Dyn. Lift Cap. 1,500 Lbs. Stat. Wt. Cap.	Fits Top	Color	Wt. Lbs.
	Lift mechanism set at the rear. Chair and		Lift mechanism centered.			
	wheelchair accessible.					
2	АРТ-НА-1	6	APT-H-1	30" x 36"	Beige	104
3	APT-HA-2	7	APT-H-2	30" x 48"		115
4	APT-HA-3	8	APT-H-3	36" x 36"		108
5	АРТ-НА-4	9	APT-H-4	36" x 48"		119
	Note: APT-HA Models Accommodate Drawers		Note: APT-H Models Do Accommodate Drawers	Not		

- Height Adjustable 12" Range (Approx. 30" to 42")
- Front Adjustment Standard (Side Adjustment Also Available At No Charge Please Specify)
- 7 Gauge (3/16") and 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- Add Worksurfaces Laminate, Maple Or Steel
- Accepts Workstation Frames/Accessories



Model APT-HA-2



Model APT-H-2 w/optional side handle



# DUAL PEDESTAL H-BASE

No.	Model # 500 Lbs. Dyn. Lift Cap. 1,500 Lbs. Stat. Wt. Cap.	No.	Model # 600 Lbs. Dyn. Lift Cap. 1,800 Lbs. Stat. Wt. Cap.	Fits Top	Color	Wt. Lbs.
	Lift mechanism set at the rear. Chair and wheelchair accessible.		Lift mechanism centered.			
10	APT-2-1	22	APT-1-1	30" x 36"	Beige	124
11	APT-2-2	23	APT-1-2	30" x 48"		138
12	APT-2-3	24	APT-1-3	30" x 60"		152
13	APT-2-4	25	APT-1-4	30" x 72"		166
14	APT-2-5	26	APT-1-5	30" x 84"		180
15	APT-2-6	27	APT-1-6	30" x 96"		194
16	APT-2-7	28	APT-1-7	36" x 36"		138
17	APT-2-8	29	APT-1-8	36" x 48"		158
18	APT-2-9	30	APT-1-9	36" x 60"		170
19	APT-2-10	31	APT-1-10	36" x 72"		182
20	APT-2-11	32	APT-1-11	36" x 84"		194
21	APT-2-12	33	APT-1-12	36" x 96"		208
Note: APT-2 Models Note: APT-1 Models <u>Do Not</u>						
	Accommodate Drawers		Accommodate Drawers			

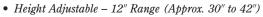


Model APT-1-3

- Height Adjustable 12" Range (Approx. 30" to 42")
- 7 Gauge (3/16") and 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- 96" Units use 84" Accessories

# ADJUSTABLE TABLE BASE

No.	Model # 500 Lbs. Dyn. Lift Cap. 1,500 Lbs. Stat. Wt. Cap.	No.	Model # 600 Lbs. Dyn. Lift Cap. 1,800 Lbs. Stat. Wt. Cap.	Fits Top	Color	Wt. Lbs.
	Lift mechanism set at the rear. Chair and wheelchair accessible.		Lift mechanism centered.			
34	AHT-2-1	46	AHT-1-1	30" x 36"	Beige	116
35	AHT-2-2	47	AHT-1-2	30" x 48"		125
36	AHT-2-3	48	AHT-1-3	30" x 60"		134
37	AHT-2-4	49	AHT-1-4	30" x 72"		171
38	AHT-2-5	50	AHT-1-5	30" x 84"		178
39	AHT-2-6	51	AHT-1-6	30" x 96"		122
40	AHT-2-7	52	AHT-1-7	36" x 36"		125
41	AHT-2-8	53	AHT-1-8	36" x 48"		134
42	AHT-2-9	54	AHT-1-9	36" x 60"		143
43	AHT-2-10	55	AHT-1-10	36" x 72"		177
44	AHT-2-11	56	AHT-1-11	36" x 84"		192
45	AHT-2-12	57	AHT-1-12	36" x 96"		207
	Note: AHT-2 Models Accommodate Drawers and Shelves		Note: AHT-1 Models <u>Do Not</u> Accommodate  Drawers and Shelves			



- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- 96" Units use 84" Accessories



 $Model\ AHT-2-3$ 

# Manual Bases

Dynamic Lift Capacity = The maximum amount of weight the workstation can lift.

Static Weight Capacity = The maximum amount of weight the unit can hold while stationary.

### SINGLE PEDESTAL DELTA BASE

No.	Model # 500 Lbs. Dyn. Lift Cap. 1,500 Lbs. Stat. Wt. Cap.	*	Color	Wt. Lbs.
58	AWS-1	30" x 48" and 36" x 48"	Beige	165

- Height Adjustable 12" Range (Approx. 30" to 42")
- 7 Gauge (3/16") and 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- Add Worksurfaces Laminate, Maple Or Steel
- Accepts Workstation Frames/Accessories



Model AWS-1

### DUAL PEDESTAL DELTA BASE

No.	Model # 1,000 Lbs. Dyn. Lift Cap. 3,000 Lbs. Stat. Wt. Cap.		Color	Wt. Lbs.
59	AWS-2-2	30" x 48" and 36" x 48"	Beige	204
60	AWS-2-3	30" x 60" and 36" x 60"		219
61	AWS-2-4	30" x 72" and 36" x 72"		234
62	AWS-2-5	30" x 84" and 36" x 84"		249

- Height Adjustable 12" Range (Approx. 30" to 42")
- 7 Gauge (3/16") and 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- Add Worksurfaces Laminate, Maple Or Steel
- Accepts Workstation Frames/Accessories



Model AWS-2-2

# STATIONARY BASES

### FIXED HEIGHT BASE

No.	<b>Model #</b> 2,500 Lbs. Cap.	Fits Top	Color	Wt. Lbs.
63	FHT-1-1	30" X 36"	Beige	59
64	FHT-1-2	30" X 48"		63
65	FHT-1-3	30" X 60"		67
66	FHT-1-4	30" X 72"		106
67	FHT-1-5	30" X 84"		116
68	FHT-1-6	30" X 96"		126
69	FHT-1-7	36" X 36"		62
70	FHT-1-8	36" X 48"		66
71	FHT-1-9	36" X 60"		70
72	FHT-1-10	36" X 72"		109
73	FHT-1-11	36" X 84"		119
74	FHT-1-12	36" X 96"		129



Model FHT-1-2

- Base Height 35"
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- 96" Units use 84" Accessories

# PIN-In-HOLE LEG OPTION FOR FHT MODELS (ABOVE)

No.	Option	Color	Wt. Lbs.
75	PIH-1	Beige	8

- Height Adjustable 8" Range (Approximately 29" to 37")
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- Adds Adjustable Legs to FHT Bases



Optional PIH Leg Adjustment Shown

# **ELECTRICAL BASES**

Dynamic Lift Capacity = The maximum amount of weight the workstation can lift.

Static Weight Capacity = The maximum amount of weight the unit can hold while stationary.

## "Z" BASES – SINGLE ACTUATOR

No.	Stationary Uprights Model # 250 Lbs. Dyn. Lift Cap. 500 Lbs. Stat. Wt. Cap.		Stationary Uprights Model # 750 Lbs. Dyn. Lift Cap. 800 Lbs. Stat. Wt. Cap.		Moveable Uprights Model # 500 Lbs. Dyn. Lift Cap. 800 Lbs. Stat. Wt. Cap.	Fits Top	Color	Wt. Lbs.
76 77	SLA-S-250-1 SLA-S-250-2	78 79	SLA-S-750-1 SLA-S-750-2	80 81	SLA-M-500-1 SLA-M-500-2	30" or 36" x 36" 30" or 36" x 48"	Beige	141 155
	Note: 2/3" Per Second Adjustment		Note: 1/3" Per Second Adjustment		Note: 2/3" Per Second Adjustment			



Model SLA-S-250-1 With Stationary Uprights

- Height Adjustable 12" Range (Approx. 30" to 42")
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- All Units Include Base & Electric Drive
- Hi-Lo Targets Standard
- Add Worksurfaces Laminate, Maple Or Steel
- Accepts Workstation Frames/Accessories



Model SLA-M-500-1 With Moveable Uprights

### "Z" Bases – Dual Actuators

No.	Stationary Uprights	No.	Stationary Uprights	No.	Moveable Uprights	Fits Top	Color	Wt.
	Model #		Model #		Model #			Lbs.
	500 Lbs. Dyn. Lift Cap.		1,500 Lbs. Dyn. Lift Cap.		1,000 Lbs. Dyn. Lift Cap.			
	1,000 Lbs. Stat. Wt. Cap.		2,000 Lbs. Stat. Wt. Cap.		1,500 Lbs. Stat. Wt. Cap.			
82	DLA-S-500-1	87	DLA-S-1500-1	92	DLA-M-1000-1	30" or 36" x 36"	Beige	148
83	DLA-S-500-2	88	DLA-S-1500-2	93	DLA-M-1000-2	30" or 36" x 48"		166
84	DLA-S-500-3	89	DLA-S-1500-3	94	DLA-M-1000-3	30" or 36" x 60"		184
85	DLA-S-500-4	90	DLA-S-1500-4	95	DLA-M-1000-4	30" or 36" x 72"		202
86	DLA-S-500-5	91	DLA-S-1500-5	96	DLA-M-1000-5	30" or 36" x 84"		220
	Note: 1/3" Per		Note: 1/3" Per		Note: 1/3" Per			
	Second Adjustment		Second Adjustment		Second Adjustment			



Model DLA-S-500-2 With Stationary Uprights

- Height Adjustable 12" Range (Approx. 30" to 42")
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- All Units Include Base & Electric Drive
- Hi-Lo Targets Standard
- Add Worksurfaces Laminate, Maple Or Steel
- Accepts Workstation Frames/Accessories



Model DLA-M-1000-2 With Moveable Uprights

## AHT BASES – DUAL ACTUATORS

No.	Model # 600 Lbs. Dyn. Lift Cap. 1,200 Lbs. Stat. Wt. Cap.	No.	Model # 1,500 Lbs. Dyn. Lift Cap. 1,800 Lbs. Stat. Wt. Cap.	Fits Top	Color	Wt. Lbs.
97	AHT-OED-600-1	109	AHT-OED-1500-1	30" x 36"	Beige	100
98	AHT-OED-600-2	110	AHT-OED-1500-2	30" x 48"		106
99	AHT-OED-600-3	111	AHT-OED-1500-3	30" x 60"		112
100	AHT-OED-600-4	112	AHT-OED-1500-4	$30" \times 72"$		149
101	AHT-OED-600-5	113	AHT-OED-1500-5	30" x 84"		162
102	AHT-OED-600-6	114	AHT-OED-1500-6	30" x 96"		175
103	AHT-OED-600-7	115	AHT-OED-1500-7	$36" \times 36"$		106
104	AHT-OED-600-8	116	AHT-OED-1500-8	36" x 48"		112
105	AHT-OED-600-9	117	AHT-OED-1500-9	36" x 60"		118
106	AHT-OED-600-10	118	AHT-OED-1500-10	36" x 72"		155
107	AHT-OED-600-11	119	AHT-OED-1500-11	36" x 84"		168
108	AHT-OED-600-12	120	AHT-OED-1500-12	36" x 96"		181
	Note: 2/3" Per Second		Note: 1/3" Per			
	Adjustment		Second Adjustment			



Model AHT-OED-600-2

- Height Adjustable 12" Range (Approx. 30" to 42")
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- Add Worksurfaces Laminate, Maple Or Steel
- Accepts Workstation Frames/Accessories

## AHT Bases – Quad Actuators

No.	Model # 2,500 Lbs. Dyn. Lift Cap.	Fits Top	Color	Wt. Lbs.
	3,000 Lbs. Stat. Wt. Cap.			
121	AHT-OED-2500-1	30" X 36"	Beige	106
122	AHT-OED-2500-2	30" X 48"		112
123	AHT-OED-2500-3	30" X 60"		118
124	AHT-OED-2500-4	30" X 72"		155
125	AHT-OED-2500-5	30" X 84"		168
126	AHT-OED-2500-6	30" X 96"		181
127	AHT-OED-2500-7	36" X 36"		112
128	AHT-OED-2500-8	36" X 48"		118
129	AHT-OED-2500-9	36" X 60"		155
130	AHT-OED-2500-10	36" X 72"		161
131	AHT-OED-2500-11	36" X 84"		174
132	AHT-OED-2500-12	36" X 96"		187
	Note: 1/3" Per Second	Adjustment		

- Height Adjustable 12" Range (Approx. 30" to 42")
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- Add Worksurfaces Laminate, Maple Or Steel
- Accepts Workstation Frames/Accessories



Model AHT-OED-2500-4

# BASE OPTIONS

THE OPTIONS LISTED BELOW ARE FACTORY INSTALLED TO INSURE PROPER PERFORMANCE.
THEY MUST BE SPECIFIED AT THE TIME BASES ARE ORDERED.

### AHT ELECTRIC DRIVE CONVERSION KIT

No.	Model #	Lift Capacity	Wt. Lbs.
133	OED-600-LA	600 Lbs.	17
134	OED-1500-LA	1,500 Lbs.	17

- Converts Manual AHT Units to Electrical Drive Units
- Includes All Hardware to Convert Existing Units



### **CASTERS**

No.	Model # Standard Mount	No.	Model # Retractable Mount	Туре	Wt. Lbs.
135	OFC-2	137	OFC-3	Fixed	8
136	OSC-2	138	OSC-3	Swivel/Locking	10

- Sold In Pairs
- 4" Rubber Wheels
- 300lb Cap. Ea.



OFC-2



OSC-2

Standard Mount – Casters always engaged.



OSC-3

Retractable Mount – Casters engage when table is adjusted to its lowest position.

# TILT TOP DRIVE

No.	Model #	Lift	Color	Wt. Lbs.	Available On
139	OTT-1-1	Manual	Beige	34	All Models
140	OTT-1-1-P	Pin-In-Hole		34	All Models
141	OTT-1-1-E	Electric		54	Single Peds & "Z" Workstations
142	OTT-1-2-E	Electric		59	Dual Peds & AHT Models

- $\bullet$  Worksurfaces Tilt Up To 45°
- Use With Any AMD Worksurface
- Manual Crank On Side Only
- Standard 1 1/2" Lip





# RIGHT ANGLE DRIVE (HEAVY DUTY)

No.	<b>Model #</b> 1,000 Lbs. Dyn. Lift Cap*	Wt. Lbs.
143	ORA-1	2



<sup>•</sup> Permits Height Adjustment From Front Of Unit



## RIGHT ANGLE DRIVE (LIGHT DUTY)

No.	Model # 300 Lbs. Dyn. Lift Cap*	Wt. Lbs.
144	ORA-3	5

- For All Adjustable Models Other Than APT-1
- Permits Height Adjustment From Front Of Unit



### Adjustable Footrest

#### TABLES AND WORKSTATIONS

No.	Model #	Size	Color	Wt. lbs.
145	OAF-1-1	36"W	Beige	12
146	OAF-1-2	48''W		16
147	OAF-1-3	60''W		20
148	OAF-1-4	72''W		24
149	OAF-1-5	84"W		28

- Footrest Is Welded To The Base
- Fully Adjustable For Operator Comfort
- For AHT and AWS Models Only

Note: Freestanding Footrest also available. See page 25.



<sup>\*</sup>Lift capacity limited to that of Base selected.

<sup>\*</sup>Lift capacity limited to that of Right Angle Drive

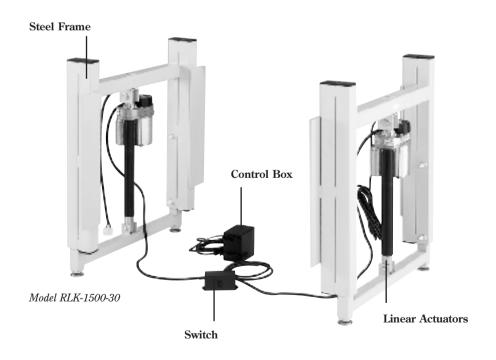
# RETRO-LIFT KITS

Dynamic Lift Capacity = The maximum amount of weight the workstation can lift.

# RETRO-LIFT KITS

No.	Model # 600 Lbs. Dyn. Lift Cap	Wt. Lbs.	No.	Model # 1,500 Lbs. Dyn. Lift Cap	Wt. Lbs.	No.	Model # 2,500 Lbs. Dyn. Lift Cap	Wt. Lbs.	Dimension	Color
150 151	RLK-600-30 RLK-600-36	140 143	152 153	RLK-1500-30 RLK-1500-36	140 143	154 155	RLK-2500-30 RLK-2500-36	152 155	30" D 36" D	Beige
Note: 2/3" Per Second Adjustment. Two Linear Actuators.  Note: 1/3" Per Second Adjustment. Two Linear Actuators.				Sec	e: 2/3" Per ond Adjustment r Linear Actuat					

- Height Adjustable 12" Range (Approx. 30" to 42")
- Custom Starting Heights Available
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- 110 Volt Converted to DC Power



# WORKSURFACES

## LAMINATE WORKSURFACES

No.	Model #	Type	Color	Wt. Lbs.
914-927	WLM-1 WLM-2 WES-2	Laminate – Standard Laminate – Bullnose Laminate E.S.D. – Bullnose	Beige	5/SQ.FT.

- Sturdy 1 1/8" Construction With High Pressure Laminate
- Fully Backed To Prevent Warping
- "T" Molding Provides A Smooth Durable Edge

**Note:** Add size designation to Model# when ordering (e.g. Model# WLM-1-30x72).



## MAPLE WORKSURFACE

No.	Model #	Color	Wt. Lbs.
942-955	WMP-1	Natural	6.2/SQ.FT.

- 1 3/4" Hard Maple
- 1/8" Eased Front Edge

Note: Add size designation to Model# when ordering (e.g. Model# WMP-1-30x72).



### STEEL WORKSURFACE

No.	Model #	Color	Wt. Lbs.
956–969	WST-1	*Beige	10/SQ.FT.

- 1/4" Steel Securely Bolted To Base
- Ideal For Heavy Duty Tasks
- Durable Powder Coat Finish
- \* Unless ordered otherwise

Note: Add size designation to Model# when ordering (e.g. Model# WST-1-30x72).



# FRAMES AND COLUMNS

## OVERHEAD WORKSTATION FRAME

No.	Model #	Color	Wt. Lbs.
156	FOH-2 (Single Sided)	Beige	27

- Extends Over Worksurface To Mount Overhead Accessories
- Height 51" Above Base 59" Overall
- 11 Gauge (3/16") Welded Steel Construction
- Durable Powder Coat Finish

Note: Requires cross bars or other accessories to stabilize frame.





### UPRIGHT FRAME

No.	Model #	Color	Wt. Lbs.
157	FUR-2 (Single Sided)	Beige	17

- Used To Mount Accessories Above A Worksurface
- Height 51" Above Base 59" Overall
- 11 Gauge (3/16") Welded Steel Construction
- Durable Powder Coat Finish

Note: Requires cross bars or other accessories to stabilize frame.

## OVERHEAD WORKSTATION FRAME KIT

Model #	Size	Color	Useable Width Between Uprights	Wt. Lbs.
FOK-1-1 (Single Sided)	36"	Beige	30"	50
FOK-1-2 (Single Sided)	48"		42"	56
FOK-1-3 (Single Sided)	60"		54"	62
FOK-1-4 (Single Sided)	72"		66"	68
FOK-1-5 (Single Sided)	84"		78"	74
	FOK-1-1 (Single Sided) FOK-1-2 (Single Sided) FOK-1-3 (Single Sided) FOK-1-4 (Single Sided)	FOK-1-1 (Single Sided) 36" FOK-1-2 (Single Sided) 48" FOK-1-3 (Single Sided) 60" FOK-1-4 (Single Sided) 72"	FOK-1-1 (Single Sided) 36" Beige FOK-1-2 (Single Sided) 48" FOK-1-3 (Single Sided) 60" FOK-1-4 (Single Sided) 72"	FOK-1-1 (Single Sided) 36" Beige 30" FOK-1-2 (Single Sided) 48" 42" FOK-1-3 (Single Sided) 60" 54" FOK-1-4 (Single Sided) 72" 66"

#### Includes:

- Overhead Frame
- Universal Cross Bar
- Overhead Track
- Balancer Trolley



## TABLE MOUNTED COLUMN

No.	No.   Model #   C		Wt. Lbs.
163	FTC-1	Beige	22

- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- Retrofit Existing Units
- Mount Accessories Front And Back
- Includes Surface Mount Receiver





#### FLOOR COLUMN

No.	Model #	Color	Wt. Lbs.
164	FFC-1	Beige	32

- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- Freestanding For Use Over Existing Worksurfaces Or Conveyors
- Mount Accessories Front And Back
- 94" Overall Height
- Includes Floor Mount Receiver And Table/Conveyor Stabilizer Bracket

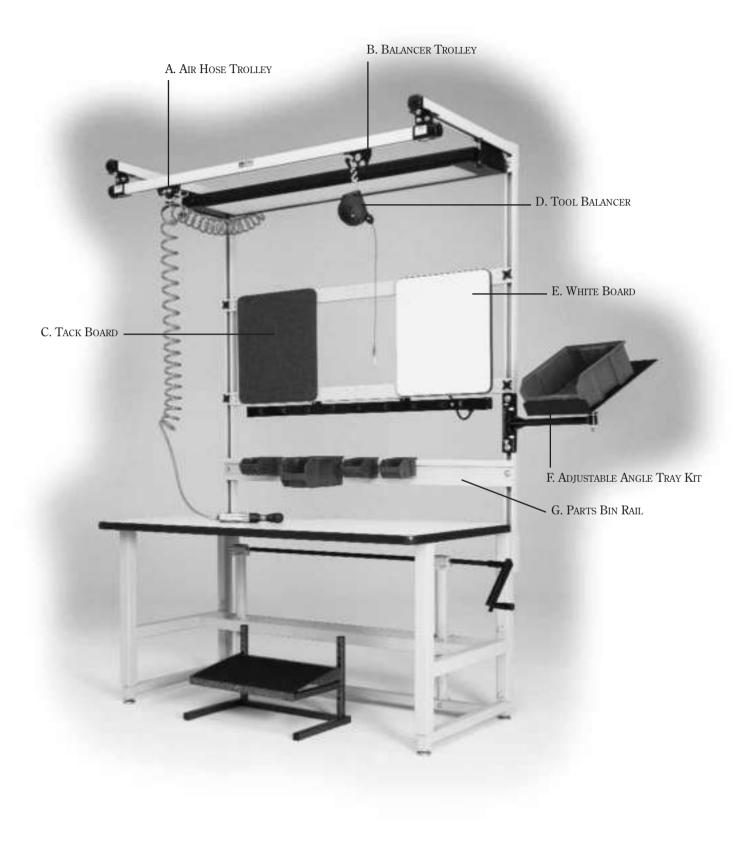
## SURFACE MOUNT RECEIVERS

No.	Model #	Color	Wt. Lbs.
165	FSM-1	Beige	8

- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish
- Retrofit Existing Units With FOH-2 And FUR-2 Frames (P. 20)
- Bolts To Table Top
- Sold In Pairs



# Accessories



### A. AIR HOSE TROLLEY



• Ball Bearing Wheels

• 50 Lb. Capacity

No.   Model #		Color	Wt. Lbs.
166	XAT-1	Black	2

#### AIR LINE END STOP (Not Shown)

• Up To 50 Lb. Capacity

No.	Model #	Color	Wt. Lbs.
167	XAS-1	Black	.5

#### AIR MANIFOLD

• 4 – 3/8" N.P.T. Threaded Female Outlets (Standard)



	No.	Model #	Size	Color	Wt. Lbs.
•	168	XAM-1-1	36"	Black	6
	169	XAM-1-2	48"		8
	170	XAM-1-3	60"		9
	171	XAM-1-4	72"		12
	172	XAM-1-5	84"		14

### B. BALANCER TROLLEY

• Ball Bearing Wheels

• 50 Lb. Capacity

No.	Model #	Color	Wt. Lbs.
173	XBT-2	Black	1

### C. TACK BOARD

• Mounts On Two Universal Cross Bars

Note: Universal Cross Bars Sold Separately (Pg. 25)

No.	Model #	Size	Color	Wt. Lbs.
174	XTB-1-1 XTB-1-2	17"X19"	Black	4
175	XTB-1-2	26"X19"		5.5

#### D. TOOL BALANCER

• Molded Nylon Housing

• Hand-Operated Spring/Push Button Tension Release

• Adjustable Cable Stop And Lower Safety Tool Hook

No.	Model #	Tool Wt. Lbs.	Color	Wt. Lbs.
176	BD-01	0.5 - 1.5	Black	1
177	BD-03	1.5 - 3.0		1
178	BD-05	3.0 - 5.0		1

#### E. WHITE BOARD

• Mounts On Two Universal Cross Bars Universal Cross Bars Sold Separately (Pg. 25)

• Use With Erasable Markers

No.	Model #	Size	Color	Wt. Lbs.
179	XWB-1-1	17"x19"	White	5.5
180	XWB-1-2	26"x19"		10.5

#### F. ADJUSTABLE ANGLE TRAY KIT

• Angle Adjusts to 90°

• Use As Blueprint Stand, Tote Tray Or Flat Tray 
 No. | Model # |
 Size
 Color | Wt. Lbs.

 181 | XTA-3 |
 17"Wx19"Dx2"Lip | Black |
 15.5

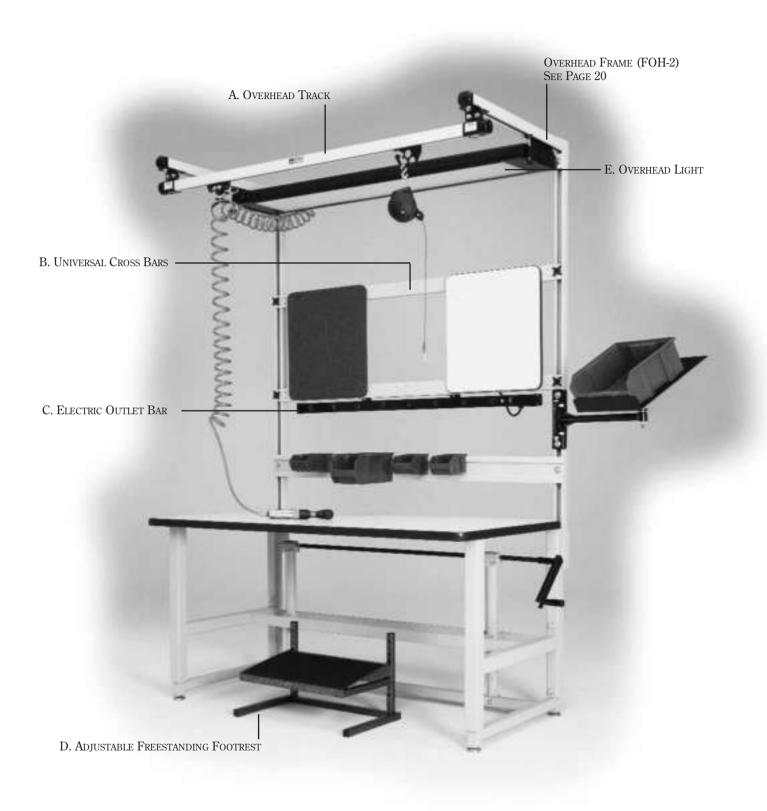
• Includes Swing Arm

#### G. PARTS BIN RAIL

• Accepts Storage Bins (P. 29)

No.	Model #	Fits Size	Color	Wt. Lbs.
182	XBR-2-1	36"	Beige	2
183	XBR-2-2	48"		4
184	XBR-2-3	60"		8
185	XBR-2-4	72"		10
186	XBR-2-5	84"		14

# ACCESSORIES



#### A. OVERHEAD TRACK

OPEA VA

- Use To Mount Balancers Reels Trolleys
- Easily Positions Anywhere On Overhead Frame
- Includes All Mounting Brackets, Stops, And End Caps
- •50 Lb. Weight Capacity

No.	Model #	Fits Size	Color	Wt. Lbs.
187	XHT-1-1	36"	Beige	8
188	XHT-1-2	48"		11
189	XHT-1-3	60"		12
190	XHT-1-4	72"		14
191	XHT-1-5	84"		16
		ı	I	I

#### B. UNIVERSAL CROSS BARS

•	Pre-Drilled	Holes	Accept	Standard	Accessorie.
•	1 re-Drillea	110les	лисері	Sianaara	Accessorie

- Fully Adjustable (Knobs Included)
- Sold In Pairs

No.	Model #	Size	Useable Width Between Uprights		Wt. Lbs.
192	XCB-2-1	36"	30"	Beige	8
193	XCB-2-2	48"	42"		10
194	XCB-2-3	60"	54"		12
195	XCB-2-4	72"	66"		18
196	XCB-2-5	84"	78"		20

## C. ELECTRIC OUTLET BAR

• Eight Outlets Of 120 Volt Grounded Power

- Lighted On/Off Switch
- Circuit Breaker Protection
- Mounts On One Universal Cross Bar\*

	No.	Model #	Size	Color	Wt. Lbs.
•	197	XEB-3-1	24"	Black	3
	198	XEB-3-2	48"		4

Note: Universal Cross Bars (XCB-2) Are Sold Separately Above

### D. ADJUSTABLE FREESTANDING FOOTREST

- Non-Skid Surface Tilted 10°
- Height Adjustable 8" Range

No.	Model #	Size	Color	Wt. Lbs.
199	XFR-2	20"W x 11"D x 13"H	Silvervein	14.5

#### E. OVERHEAD LIGHT

•	Four Lamps	With	High-I	ow
	Switch, Refl	ector,	And Le	ens

- Quick And Easy Repositioning
- Evenly Lights Entire Worksurface

Note: The 84" Light Is Actually A 72" Light Supported By Special Brackets.

No.	Model #	Size	Color	Wt. Lbs.
200	XLT-2-1	36"	Black	23.5
201	XLT-2-2	48"		26
202	XLT-2-3	60"		29
203	XLT-2-4	72"		34
204	XLT-2-5	84"*		47

### ROLL DISPENSER

•	11	Gauge	(1/8'')	Welded	Steel	Construction
---	----	-------	---------	--------	-------	--------------

- Durable Powder Coat Finish
- Accommodates Different Size Rolls
- Fits All AMD Frames/Front or Back
- Two 6" Roll Stops Included
- Slide In U-Bracket Requires No Tools To Change Roll

No.	Model #	Size	Color	Wt. Lbs.
205	XRD-1-1	36"	Black	13
206	XRD-1-2	48"		14
207	XRD-1-3	60"		15
208	XRD-1-4	72"		16
209	XRD-1-5	84"		17

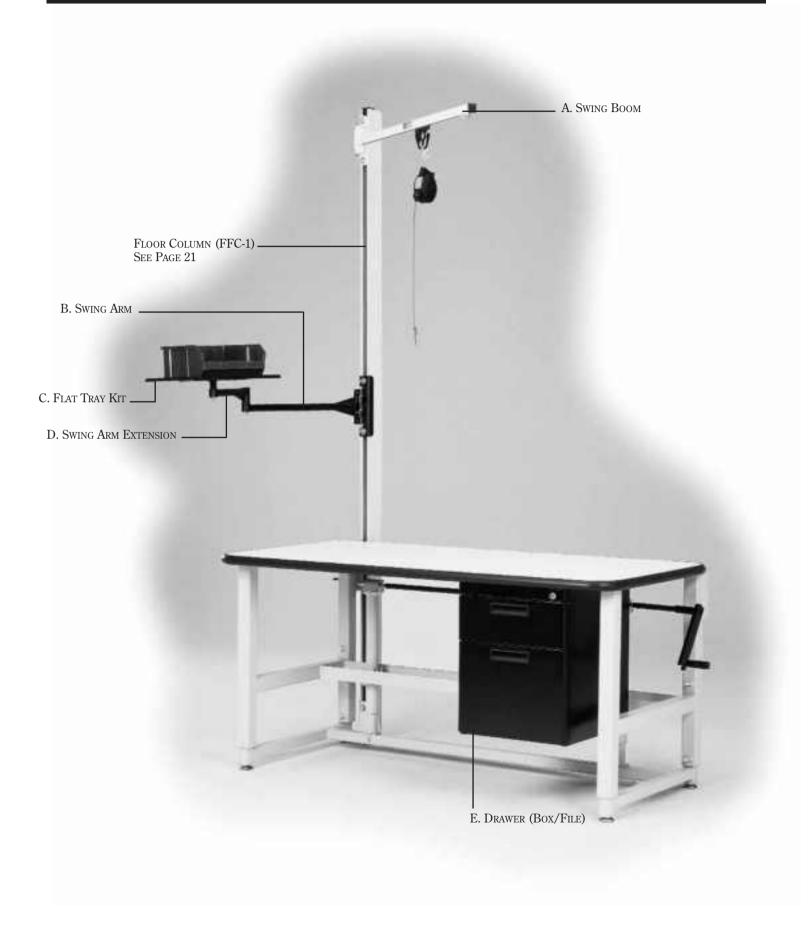


## ROLL STOP (Additional roll stops for multiple rolls)

No.	Model #	Size	Color	Wt. Lbs.
210	XRS-1	6"	Black	1



# Accessories



### A. SWING BOOM

A DE STABLE

- Allows Proper Tool Movement Over Worksurfaces
- 30 Lb. Capacity
- Includes Trolley and End Stop

No.	Model #	Size	Color	Wt. Lbs.
	XSB-1-1		Beige	6.5
212	XSB-1-2	36"		7.5

Note: Order Swing Boom according to worksurface depth.

#### B. SWING ARM

- 50 Lb. Capacity
- Easily Adjustable On Workstation Frames

No.	Model #	Size	Color	Wt. Lbs.
213	XSA-1	18"	Black	6

#### C. FLAT TRAY KIT

- 50 Lb. Capacity
- Holds Monitors/Instrumentation
- Includes XSA-1 Swing Arm

	No.	Model #	Size	Color	Wt. Lbs.
•	214	XFT-3	15"W 15"D x 1/2"Lip	Black	13

#### D. SWING ARM EXTENSION

- 25 Lb. Capacity
- Attaches To Swing Arm (Above)

No.	Model #	Size	Color	Wt. Lbs.
215	XES-1	8"	Black	3



#### E. Drawer (Box/File)

- One 6" And One 12" High Drawer In A Single Unit
- One Key Lock Secures Both Drawers
- For Use On Any Size AHT-2 or APT-HA Base, or Other Bases With a Minimum 36" Deep Worksurface
- Cannot Be Used In Combination With XSF-3 Lower Shelves

No.   Mode	1 # Size	Color	Wt. Lbs.
216 XDC	-1 15"W 18"D x 19	Black	32





- One 12" High Drawer
- Key Lock Secures Drawer
- For Use On Any Size AHT-2 or APT-HA Base, or Other Bases With a Minimum 36" Deep Worksurface

No.	Model #	Size	Color	Wt. Lbs.
217	XDF-1	15"W	Black	23
		18"D x 13"H		

#### DRAWER (Box)



- One 6" High Drawer
- Key Lock Secures Drawer
- For Use On Any Size AHT-2 or APT-HA Base, or Other Bases With a Minimum 36" Deep Worksurface

No.	Model #	Size	Color	Wt. Lbs.
218	XDB-1	15"W	Black	13
		18"D x 7"H		

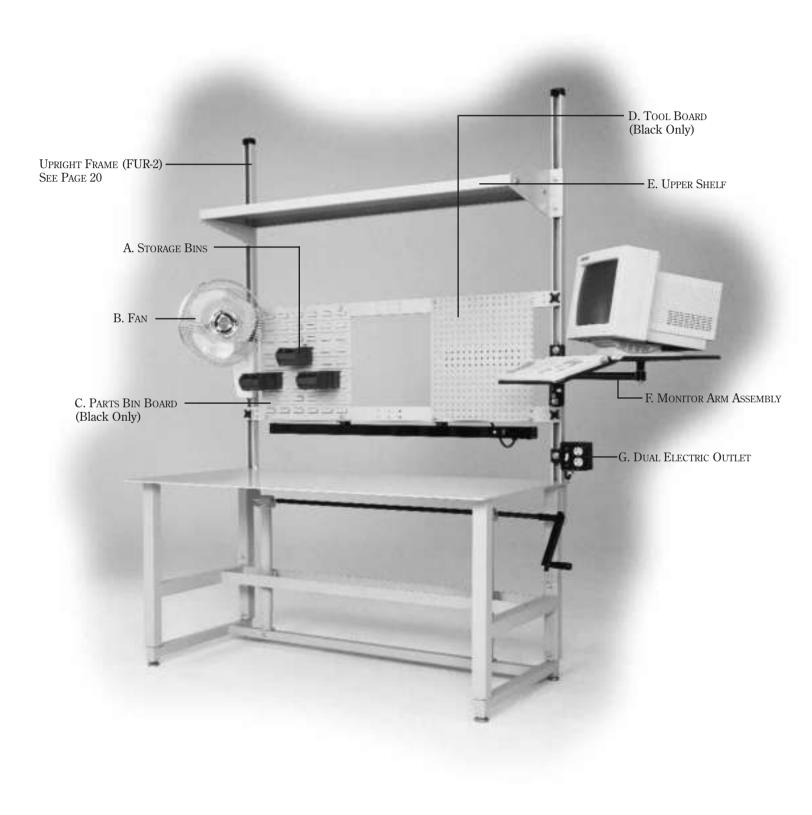
#### Drawer (Pencil)



- Three Compartment Front Open Storage In Back
- Formed From Durable Plastic

No.	Model #	Size	Color	Wt. Lbs.
219	XDP-1	21"W 16"D x 3"H	Black	3

# ACCESSORIES



#### A. STORAGE BINS



• For Use On Part Bin Boards (See Below) And Part Bin Rails (P. 23)

• Durable Plastic

No.	Model #	Size	Color
220	ASB-205	4-1/2"L x 4-1/8"W x 3"H	Blue
221	ASB-210	5-1/2"L x 4-1/8"W x 3"H	
222	ASB-220	7-1/2"L x 4-1/8"W x 3"H	
223	ASB-230	11"L x 5-1/2"W x 5"H	
224	ASB-240	14-3/4"L x 8-1/4"W x 7"H	
225	ASB-250	14-3/4"L x 16-1/2"W x 7"H	
226	ASB-260	18"L x 11"W x 10"H	

#### B. FAN

• 12" - Three Speed - Oscillating

• Adjustable Head Angle

No.	Model #	Size	Color	Wt. Lbs.
227	XOF-1	12"	White	7

#### C. PARTS BIN BOARD

• Mounts On Two Universal Cross Bars Universal Cross Bars (XCB-2) Are Sold Separately (P. 25)

• Conveniently Hang Storage Bins

No.	Model #	Size	Color	Wt. Lbs.
228	XBB-1-1	17" x 19"	Black	5.5
229	XBB-1-3	36" x 19"		11

#### D. TOOL BOARD

• Mounts On Two Universal Cross Bars Universal Cross Bars (XCB-2) Are Sold Separately (P. 25)

• Hang Items From Standard 1/4" Pegboard Hooks

	No.	Model #	Size	Color	Wt. Lbs.
•	230 231	XPB-1-1 XPB-1-2	17" x 19" 26" x 19"	Black	3 5

#### E. UPPER SHELF

• 300 Lb. Capacity

• 16 Gauge (1/16") Welded Steel Construction

• Durable Powder Coat Finish

• 14" Deep With A 1 1/2" Lip On One Side

• Position Flat Or 15° Forward Or Back

No.	Model #	Fits Size	Color	Wt. Lbs.
232	XSF-1-1	36"	Beige	17
233	XSF-1-2	48"		21
234	XSF-1-3	60"		25
235	XSF-1-4	72"		29
236	XSF-1-5	84"		33

#### F. Monitor Arm Assembly

 Includes Swing Arm-18", Keyboard Tray-15° Tilt 9" x 20" And Either Flat Tray for Standard Monitors Or Mount for Flat Panel

No.	Model #	Size	Color	Wt. Lbs.
237 238		Standard Flat Panel	Black	18 14

#### G. SWIVEL MOUSE PAD

	No.	Model #	Size	Color	Wt. Lbs.
•	239	XMP-1	7 1/4" x 7 1/4"	Black	1

# H. DUAL ELECTRIC OUTLET

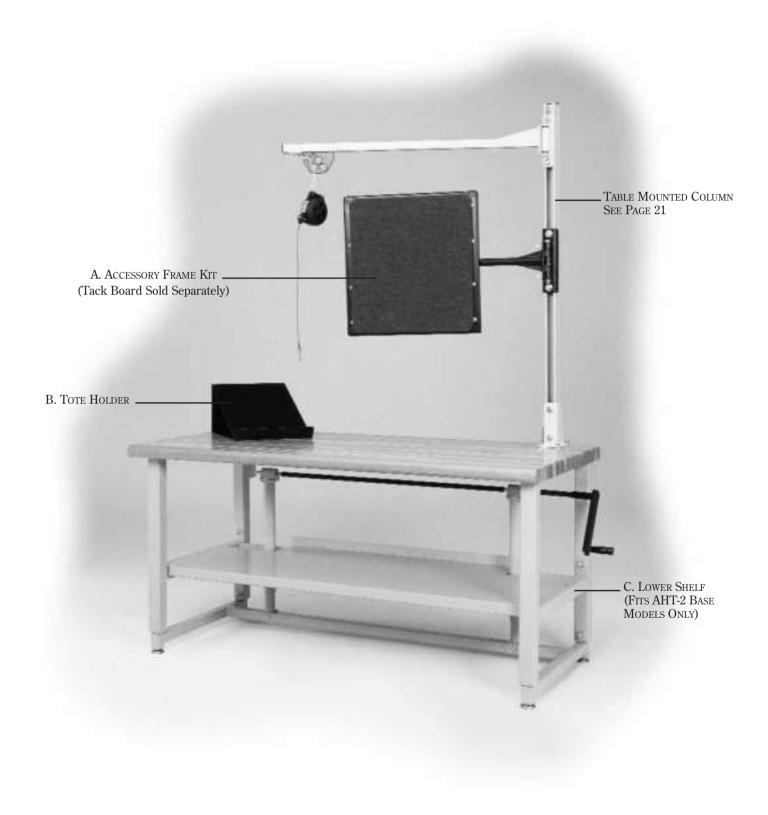
• Two Outlets Of 120 Volt Grounded Power

• One Outlet Switched

• Ten Foot Cord

No.	Model #	Color	Wt. Lbs.
240	XEX-1	Black	3

# Accessories



### A. Accessory Frame Kit

A DE LES DE LA CONTRACTION DEL CONTRACTION DE LA CONTRACTION DE LA

- 50 Lb. Weight Capacity
- Use To Mount 17" x 19" Accessory Boards
- Includes XSA-1 Swing Arm

No.	Model #	Frame Size	Color	Wt. Lbs.
241	XAF-3	17"W x 19"H	Black	17.5

#### B. Tote Holder

- Use To Hold Totes At 35° Angle
- Attaches To Swing Arm (P. 27) Or Rests On Any Worksurface

_	No.	Model #	Size	Color	Wt. Lbs.
	242	XTH-2	12"Wx15"Dx2"Lip	Black	9

### C. LOWER SHELF

•	300	Lb.	Сарас	city
---	-----	-----	-------	------

- 16 Gauge (1/16") Welded Steel Construction
- Durable Powder Coat Finish
- Fits AHT-2 Base Models Only
- Custom Sizes Available

No.	Model #	Fits Size	Color	Wt. Lbs.
243	XSF-3-1	36"	Beige	16
244	XSF-3-2	48"		21
245	XSF-3-3	60"		30
246	XSF-3-4	72"		36
247	XSF-3-5	84"		42

#### CPU HOLDER

- Adjustable Steel Frame
- Mounts Under Wood Or Formica Tops
- Mounting Screws Included

No.	Model #	Style	Color	Wt. Lbs.
248	XCP-1	Vertical	Black	7.5



# COMPUTER KEYBOARD TRAY

• Retracts Under Worksurface

No.	Model #	Size	Color	Wt. Lbs.
249	XKT-2	17 3/4" In-Out	Black	6



### LAZY SUSAN

- Two Steel Plates (.25" Thick)
- 24" Formica Top
- 1" Ball Transfers
- 350 lb. Capacity

No.	Model #	Style	Color	Wt. Lbs.
250	XLS-1	Heavy Duty	LT	35
251	XLS-2	W/O Stop Heavy Duty With Stop	LT	38



# ORGANIZERS/COMPUTER STANDS

### INDUSTRIAL ORGANIZER

No.	Model #	Size	Color	Wt. Lbs.
252	FSF-2-1	36" Frame	Beige	100
253	FSF-2-2	48" Frame		102
254	FSF-2-3	60" Frame		104
255	FSF-2-4	72" Frame		106
256	FSF-2-5	84" Frame		108

- Freestanding For Use Over Existing Worksurfaces Or Conveyors
- Mounting Track Front And Back To Position Accessories
- 94" Overall Height
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish





Shown with optional accessories.

#### INDUSTRIAL COMPUTER STAND

No.	Model #	Size	Color	Wt. Lbs.
257 258	ICS-1-1 ICS-1-2	24" W 36" W	Beige	75 85

- Bi-Level Design For Monitor And Keyboard
- Lower Shelf For Printer Or Storage
- 16 Gauge (1/16") Welded Steel Construction
- Durable Powder Coat Finish



### HOODED COMPUTER STAND

No.	Model #	Size	Color	Wt. Lbs.
259 260	HCS-2	30"W x 22"D x 25"H	Beige	140 144
	(With Lower Shelf)			

- Protects Computer/Monitor From Dust And Particles
- 67" Overall Height
- 11 (1/8") Gauge Welded Steed Construction
- Durable Powder Coat Finish
- Protects Computer/Monitor From Dust and Particles

Note: Optional Computer Keyboard Tray Sold Separately. (P. 31)



Shown with optional keyboard tray

# STANDS & CARTS

## ADJUSTABLE TOTE STAND

No.	Model #	Size	Color	Wt. Lbs.
261	ATS-B	Base	Beige	30
262	ATS-F	20" x 21" Flat		10
263	ATS-30	20" x 21" Angle - 30°		14
264	ATS-45	20" x 21" Angle - 45°		14

- 125 Lb. Capacity
- Base Holds Lightweight Aluminum Trays
- Base Height Adjustment Range 24" (12" to 36")
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish



Note: Base Shown with optional Flat Tray.

## ANGLED TOTE STAND

No.	Model #	Size	Color	Wt. Lbs.
265	FTS-1	30"H x 20"D x 18"W	Beige	35

- 250 Lb. Capacity
- 30° Angled Steel Tray 20" x 18" x 2"
- Lower Shelf For Storage
- Custom Sizes Available
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish



## INDUSTRIAL CART

No.	Model #	Size	Color	Wt. Lbs.
266	FIC-1	$20"W \times 36"L \times 35"H$	Beige	52

- 500 Lb. Capacity
- 4" Rubber Casters 2 Rigid, 2 Swivel/Locking
- Custom Sizes Available
- 11 Gauge (1/8") Welded Steel Construction
- Durable Powder Coat Finish



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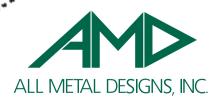
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