

**With a Cyber-Jet conveyORIZED parts washer –
you get quality, elegance, and flexibility.**



*Three(3) module C-14 system
(14" wide conveyor belt)*



*Typical of C-24, C-36, and C-48 systems
(24", 36", 48" wide conveyor belts)*

**For any model, you can choose the canopy style:
hinged tops or hinged doors.**

Standard FeaturesP

**also see the specification tables at the end of this section*

Canopy Design/Access

Two(2) different canopy styles are available: 1) hinged, lift-up canopies that lock in the open position (standard on C-14's unless specified otherwise), or 2) hinged doors on one or both sides of the canopy(standard on the C-24's, C-36's , and C-48's unless specified otherwise). Both designs offer excellent access.

True Modular Construction

The Cyber-Jets are truly modular in that they can be expanded or changed without a torch and welder. The design provisions are as follows: a) the load and unload ends are bolt-on...end modules can move to the middle and vice versa, b) the main wash, rinse, and dry modules also bolt together...there are no welded connections, and c) the conveyor rails and wireways terminate at each module.

"Wetted" Parts are Stainless Steel

With few exceptions, all the "wetted" parts of the system are stainless steel*. The metalwork, the pumps, the spray manifolds, the conveyor belt and support rollers, the conveyor drive shafts, the solenoid valves, etc...are stainless steel.

**the only exceptions are: 1) steam exhaust fans are aluminum, 2) blowers for drying are mild steel, and 3) some ductwork is PVC*



Standard Features (cont.)



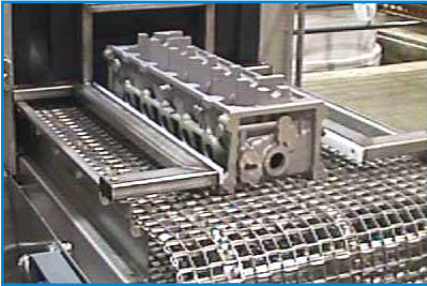
C-48 with optional enclosure wall

Insulation/Stainless Steel Cladding

Wherever practical, the vertical and top surfaces of a Cyber-Jet system are insulated or shielded. Insulated surfaces have 1" thick insulation material ("R" value of 4) which is then covered with stainless steel cladding.

Natural Stainless Steel Finish

The exterior of the system has a natural stainless steel finish. Only components such as the control box and motors are painted. The C-14's have a # 4 brushed finish. The larger system have a # 2B finish



Heavy Duty Conveyor

The conveyor specifications are as follows: a) stainless steel "flat wire" belting...3/8" high with 1" x 1" openings, b) supported with rollers for minimal friction and belt wear, c) variable speed...1-10 FPM, d) rated for 50 lbs per linear ft., and e) take-up bearings on the load end/ torque limiting device on drive end.

Solution Tanks/Seal-less Pumps

All solution tanks of these parts washers have the following features: 1) vertical (seal-less) pumps with TEFC motors and single-piece shafts, 2) water level sensors for "normal", "add water", "low" , and "high" detection, 3) stainless steel solenoid for auto water fill, 4) large, slide-out chip basket, 5) sloped tank floor, 6) drain and overflow couplers (numbers 2 and 3 are optional on C-14's).



The Spray Chambers

The spray chambers/tunnels for all the spray modules share the following characteristics: 1) extended drain/ buffer areas on both sides of the spray zone to prevent splash-out and cross contamination, 2) inside flooring to force all water to enter the removable chip/ debris basket before re-entering the tank, 3) stainless steel spray manifolds, and 4) two(2) spray curtains on each end.

The Drying Modules

Our units offer drying modules as well as simple blow-off sections. The drying modules have the following specifications: 1) centrifugal blowers for 15,000 FPM air velocity, 2) recirculation system to conserve heat and prevent "blow-out", 3) optional air heater to boost the air temperatures up to 250 degrees F, 4) top and bottom air knives...the top air knives are adjustable, 5) pitched floor directs most of the water back to the previous spray module, and 6) full insulation.



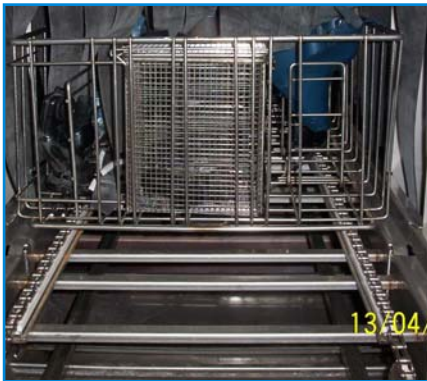
Standard Features (cont.)



Panel shown with optional PLC

Central Control Station

All controls for a Cyber-Jet system are in a central control station. The main features of the control station are: 1) nema 12 enclosure, 2) main fused disconnect/lockable, 3) designed for 460V, 3 ph, 60 Hz main power...controls are 110 V , 4) all circuits (control and power) are fused, 4) on/ off switches and lights for each main device, 5) digital thermostats for all tanks and heated dryers, 6) speed controller for the conveyor belt, 7) indicator lights for fault conditions, etc...



Optional chain conveyor

Available Options

The available options for these parts washers include: 1) various filtration elements including powered oil skimmers, oil/ water coalescing tanks, strainers and bag filters, 2) gas and steam heat in lieu of electric heat, 3) steam exhaust units and mist collection systems, 4) special belts and other types of conveyors, 5) PLC's, etc...



Optional rear enclosure wall

Validation Testing and Support Services

All Cyber-Jets have an official run-off requirement where customers are invited to the factory for thorough inspection and testing. Better Engineering also offers optional installation assistance and training for your parts washer.

The specification tables are located on the [next page](#) →

CYBER-JET Specifications

C-14

CONVEYOR MODULE	TYPE OF MODULE	CONVEYOR WIDTH	WORKING HEIGHT	CANOPY LENGTH	ACTUAL LENGTH OF SPRAY ZONE	TANK SIZE/ HEAT (NOM. TEMP.)	PUMP SIZE/ OUTPUT
C-14-S2	SPRAY MODULE, RECIRCULATED	14"	8"	43"	24"	175-gal./ 24 kw (140°F)	3.0 H.P./ 65 GPM at 45 PSI
C-14-FR	FRESH WATER RINSE MODULE	14"	8"	43"	24"	n/a	3 GPM at 30 PSI (customer supplies)
					ACTUAL LENGTH OF DRY ZONE	AIR HEAT SYSTEM (NOM. TEMP.)	BLOWER SIZE/ OUTPUT
C-14-CD	COMPRESSED AIR DRY MODULE	14"	8"	43"	24"	n/a	n/a
C-14-DA	DRYING MODULE, NON-HEATED	14"	8"	43"	24"	n/a	5 H.P./ 900 CFM
C-14-DH	DRYING MODULE, HEATED	14"	8"	43"	24"	18 kw (200°F)	5 H.P./ 900 CFM
ALL	CONVEYOR LOAD HEIGHT IS 40" ABOVE THE GROUND...EXPOSED CONVEYOR ON LOAD END IS 14". THE UNLOAD END IS 12".						

C-24

CONVEYOR MODULE	TYPE OF MODULE	CONVEYOR WIDTH	WORKING HEIGHT	CANOPY LENGTH	ACTUAL LENGTH OF SPRAY ZONE	TANK SIZE/ HEAT (NOM. TEMP.)	PUMP SIZE/ OUTPUT
C-24-S3	SHORT SPRAY MODULE, RECIRCULATED	24"	16"	68"	36"	275-gal./ 36 kw (140°F)	5.0 H.P./ 100 GPM at 55 PSI
C-24-S5	LONG SPRAY MODULE, RECIRCULATED	24"	16"	92"	60"	400-gal./ 48kw (140°F)	7.5 H.P./ 150 GPM at 55 PSI
C-24-FR	FRESH WATER RINSE MODULE	24"	16"	30"	12"	n/a	3 GPM AT 30 PSI (Customer Supplies)
					ACTUAL LENGTH OF DRY ZONE	AIR HEAT SYSTEM (NOM. TEMP.)	BLOWER SIZE/ OUTPUT
C-24-SB	BLOW OFF MODULE,	24"	16"	30"	12"	n/a	10 H.P./ 500 CFM
C-24-DA	DRYING MODULE, NON-HEATED	24"	16"	72"	40"	n/a	10 H.P./ 1900 CFM
C-24-DH	DRYING MODULE, HEATED	24"	16"	72"	40"	45 kw (250°F)	10 H.P./ 1900 CFM
ALL	CONVEYOR LOAD HEIGHT IS 40" ABOVE THE GROUND...EXPOSED CONVEYOR ON EITHER END FOR LOADING AND UNLOADING IS 18"						

CYBER-JET Specifications

C-36

CONVEYOR MODULE	TYPE OF MODULE	CONVEYOR WIDTH	WORKING HEIGHT	CANOPY LENGTH	ACTUAL LENGTH OF SPRAY ZONE	TANK SIZE/ HEAT (NOM. TEMP.)	PUMP SIZE/ OUTPUT	
C-36-S3	SHORT SPRAY MODULE, RECIRCULATED	36"	16"	68"	36"	350 -gal./ 48 kw (140°F)	7.5 H.P./ 150 GPM at 55 PSI	
C-36-S5	LONG SPRAY MODULE, RECIRCULATED	36"	16"	92"	60"	500 -gal./ 60 kw (140°F)	10 H.P./ 200 GPM at 55 PSI	
C-36-FR	FRESH WATER RINSE MODULE	36"	16"	30"	12"	n/a	4 GPM at 30 PSI (customer supplies)	
						LENGTH OF DRY ZONE	R HEAT SYSTEM (NOM. TEMP.)	BLOWER SIZE/ OUTPUT
C-36-SB	BLOW-OFF MODULE	36"	16"	30"	12"	n/a	15 H.P.	
C-36-DA	DRYING MODULE, NON-HEATED	36"	16"	72"	40"	n/a	15 H.P./ 3000 CFM	
C-36-DH	DRYING MODULE, HEATED	36"	16"	72"	40"	45 kw (250°F)	15 H.P./ 3000 CFM	
ALL	CONVEYOR LOAD HEIGHT IS 40" ABOVE THE GROUND...EXPOSED CONVEYOR ON EITHER END FOR LOADING AND UNLOADING IS 18"							

C-48

CONVEYOR MODULE	TYPE OF MODULE	CONVEYOR WIDTH	WORKING HEIGHT	CANOPY LENGTH	ACTUAL LENGTH OF SPRAY ZONE	TANK SIZE/ HEAT (NOM. TEMP.)	PUMP SIZE/ OUTPUT	
C-48-S3	SHORT SPRAY MODULE, RECIRCULATED	48"	16"	68"	36"	400 gal./ 48 kw (140°F)	10 H.P./ 200 GPM at 55 PSI	
C-48-S5	LONG SPRAY MODULE, RECIRCULATED	48"	16"	92"	60"	600 gal./ 72kw (140°F)	15 H.P./ 250 GPM at 55 PSI	
C-48-FR	FRESH WATER RINSE MODULE	48"	16"	30"	12"	n/a	5 GPM at 30 PSI (customer supplies)	
						ACTUAL LENGTH OF DRY ZONE	AIR HEAT SYSTEM (NOM. TEMP.)	OWER SIZE/ OUTPUT
C-48-SB	BLOW-OFF MODULE	48"	16"	30"	12"	n/a	20 H.P.	
C-48-DA	DRYING MODULE, NON-HEATED	48"	16"	72"	40"	n/a	20 H.P./ 4000 CFM	
C-48-DH	DRYING MODULE HEATED	48"	16"	72"	40"	63 kw (250°F)	20 H.P./ 4000 CFM	
ALL	CONVEYOR LOAD HEIGHT IS 40" ABOVE THE GROUND...EXPOSED CONVEYOR ON EITHER END FOR LOADING AND UNLOADING IS 18"							