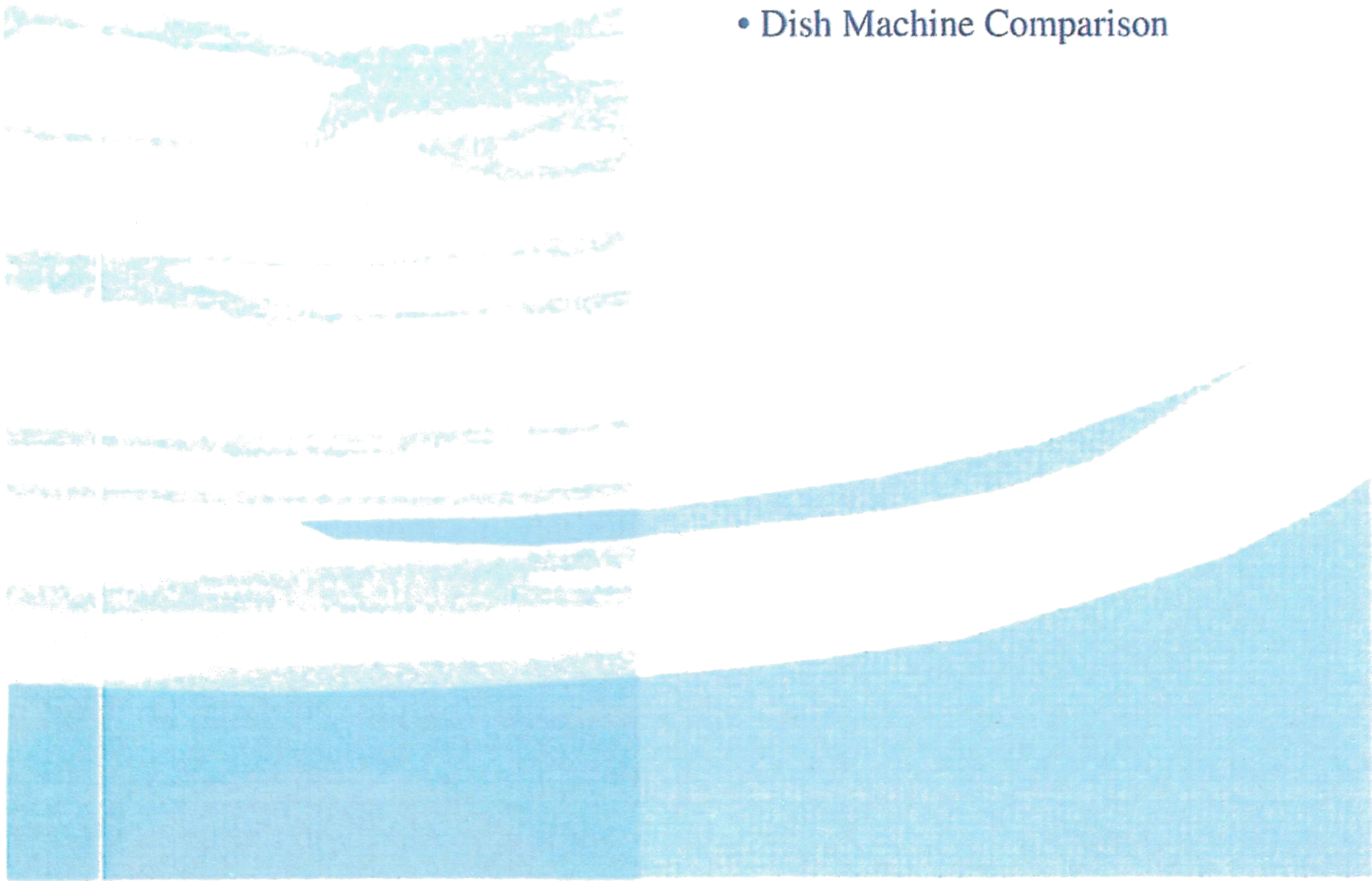




Comparison Charts

This Section Contains:

- Dish Machine Comparison
- 

Section 10

Comparison Charts

DISHMACHINE COMPARISON TABLE

34" UNDERCOUNTER

FOR UNDERCOUNTER SINGLE RACK COMMERCIAL DISHMACHINES
(DATA TAKEN FROM INDUSTRY LITERATURE AND NSF 1996 LISTINGS)

MODEL	RACKS PER HOUR	GAL PER HOUR	DRAIN TYPE DIA.	INSIDE VERT. DIM.	MOTOR HP	CONTROL LOCATION	NO. ROTATING ARMS
ADS ET-AF	30	1.7 Chem.	1.6" Gravity	11"	1 ½ HP	Lower	1
ADS ET-24 listing pending	40	1.3 Chem.	1.6" Gravity or Pumped	14.5"	1 ½ HP	Top	2
CMA L-1X	24	1.7 Chem.	.75" valve Pumped Only	11"	1 HP	Top	2
HOBART LX-40C	30	1.2 H/C	.87" valve Pumped Only	16.75"	¾ HP	Bottom	2
JACKSON JP-24LT	24	1.2 Final Rinse	.75" Gravity or Pumped	14"	¾ HP	In Top Door	2
STERO SGW (40" TALL)	37	1.75 Chem.	2" Gravity	12"	½ HP	Lower	1
KNIGHT KLE 115U	30	2.86 Chem.	.75" Gravity	14.5"	1 HP	Bottom	1
MOYER DIEBEL 500HT	21	1.8 H/C	.75" valve Pumped Only	14"	¾ HP	Bottom	1
CHAMPION U-HB	30	1.1 H	1.25" valve Pumped	11"	¾ HP	Top	2

The ADS undercounters give greater performance in capacity, washing horsepower, and features. They have the largest and most durable drain system of all other undercounters, which is key to service-free operation. Valved drain systems have been a service liability.

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DISHMACHINE COMPARISON TABLE

DOOR TYPE, CHEMICAL

FOR DOOR TYPE, SINGLE RACK CHEMICAL SANITIZING COMMERCIAL DISHMACHINES
(DATA TAKEN FROM INDUSTRY LITERATURE AND NSF 1996 LISTINGS)

MODEL	RACKS PER HOUR	GAL PER RACK	GAL PER HOUR	CONVERTIBLE TO CORNER	MOTOR HP	TYPE IMPELLER
ADS L3DW	55	1.20	66	Yes	1 ½ HP	Open Stainless
CMA VA-5 OPTIMIZER	52	1.25	65	Yes	1 HP	Open Iron
ECOLAB ES- 2000XSP (JACKSON)	48	1.20	57.6	No	¾ HP	Closed Iron
HOBART LX-18	15	2.5	37.5	No	¾ HP	Open Stainless
STERO SLC-25	37	1.89	69.9	No	¾ HP	Closed Iron
KNIGHT KLE 175ST	37	2.32	85.8	Yes	1 HP	Closed Iron
CHAMPION U-LD	20	2.2	44	No	1 HP	Closed Iron

The ADS model L3DW gives the greatest performance in capacity, heated water savings, washing horsepower, and durable features.

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DISHMACHINE COMPARISON TABLE

HI TEMP

FOR HOT WATER SANITIZING, SINGLE TANK, DOOR TYPE COMMERCIAL DISHMACHINES
(DATA TAKEN FROM DEC. 96 NSF LISTINGS)

MODEL	RACKS PER HOUR	CYCLE TIME (SEC.)	GAL PER HOUR	GAL PER RACK	TANK HEATER KW	BOOSTER HEATER KW
ADS HT-25	72	45	58.6	.85	8 KW	6 KW
HOBART AM-14	53	62	63.6	1.2	5 KW	10 KW
JACKSON PERFORMER	59	58	70.8	1.2	N/A	11 KW
CHAMPION D-HB	55	59	66	1.2	1.3 KW	12.3 KW
STERO SD-2RA	55	57	55	1.0	5 KW	15 KW

The ADS model HT-25 has 19% more capacity than the closest competitor and is 26% more efficient than the industry average for water usage.

This HT-25 model is also listed as a chemical sanitizer with water temperature at 120°.

- It is inline or corner without conversion
- Standard with auto fill/shut off
- Standard scrap tank feature can be reversed
- Patented captive end caps for wash pump
- Machine cannot operate without pump filter
- Patented water control system

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DISHMACHINE COMPARISON TABLE

44" CONVEYOR

FOR SINGLE AND MULTIPLE TANK RACK CONVEYOR COMMERCIAL DISHMACHINES
(DATA TAKEN FROM NSF LISTINGS)

MODEL	RACKS PER HOUR	GAL PER HOUR	GAL PER RACK	SPEED FT. PER MIN.	HI TEMP	CHEM SANI.	NO. OF TANKS
ADS ADC-44	244	120	.49	6.8	Yes	Yes	2
HOBART C-44A	203	300	1.48	5.6	Yes	Yes	1
ECOLAB ES-4400	248	234	.94	6.9	Yes	Yes	1
CMA CMA-44L	242	192	.79	6.7	No	Yes	2
CHAMPION 44-KB	201	324	1.61	5.6	Yes	No	1
JACKSON 44CEL	205	288	1.40	5.7	No	Yes	1
STERO SCT-44	209	290	1.38	5.8	Yes	No	1

The ADS model ADC-44 has the best performance of all listed 44" Conveyors. It uses 66% less water than the industry average of 271 gal/hour and less than the closest competitor. It's also one of the fastest at 244 racks an hour.

This machine is one of the few listed dual sanitizing conveyors.

It provides the superiority of dual tanks.

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44" CONVEYOR COMPARISON HIGH TEMPERATURE

FEATURES	ADS ADC-44	CMA CMA44
NSF RATED RACKS PER HOUR	244	205
GALLONS OF WATER PER RACK	0.48	0.94
GALLONS OF WATER PER HOUR (NSF RATED)	120 GPH	192 GPH
HEIGHT CLEARANCE FOR DISHES	19.25"	19"
DUAL SANITIZER (can be both high or low temp)	YES	NO
WASH PUMP SIZE	3 HP	1 HP
WASH ARMS "TOTAL"	12	6
WASHING BED	20"	10"
WATER CONTROL "PATENTED SPECIFIC GRAVITY"	STANDARD	NO
PUMPED RINSE CURTAIN (protects final rinse)	YES	NO
AUTO FILL	STANDARD	OPTIONAL
WASH TANK HEATER – kW	12	10
HEATING ELEMENT	COMMERCIAL	"INDUSTRIAL"
STAINLESS STEEL FRAME	12 GAUGE	12 GAUGE
EXTERNAL SCRAP ACCUMULATOR	YES	YES
WASH TANK CAPACITY – GALLONS	11	11.75

"Industrial", there are only two grades of heaters, one is appliance, the other is commercial used in industrial applications.

GPH – Health departments are requiring water heaters are sized to GPH rating. Higher GPH effects size and cost of booster heater.

DISHMACHINE COMPARISON TABLE

66" CONVEYOR

FOR SINGLE AND MULTIPLE TANK RACK CONVEYOR COMMERCIAL DISHMACHINES
(DATA TAKEN FROM NSF LISTINGS)

MODEL	RACKS PER HOUR	GAL PER HOUR	GAL PER RACK	SPEED FT. PER MIN.	HI TEMP	CHEM SANI.	NO. OF TANKS
ADS ADC-66	244	120	.49	6.8	Yes	Yes	3
HOBART CCC-66A	203	300	1.48	5.6	Yes	Yes	
HOBART CCC-66AW	126	120	1.46	3.6	Yes	Yes	
ECOLAB ES-4400 (AJ-66CE)	248	234	.94	6.9	Yes	Yes	
CMA CMA-66	NOT AVAILABLE						
CHAMPION 66-ws	122	130	1.06	3.4	Yes	No	
STERO SCT-66s	209	290	1.38	5.8	Yes	No	

The ADS model ADC-66 has the best performance of all listed 66" Conveyors. It uses 66% less water than the industry average of 271 gal/hour and less than the closest competitor. It's also one of the fastest at 244 racks an hour.

This machine is one of the few listed dual sanitizing conveyors.

To compare with ADS performance, several manufacturers have reduced to half speed in order to reduce water consumption per hour.

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