

**SIZING DATA SHEET - COMPLETE FOR ALL TYPES OF COOLING EQUIPMENT**

CUSTOMER NAME: \_\_\_\_\_

CONTACT NAME: \_\_\_\_\_

PHONE #: \_\_\_\_\_ FAX #: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

Existing equipment:

Chillers	Comp. HP	Capacity Tons	Type of condenser: Water cooled, Indoor air, Outdoor air cooled
#1			
#2			
#3			

**Chiller tank:** Tank size L \_\_\_\_\_ W \_\_\_\_\_ H \_\_\_\_\_

Chiller pump	#1 - HP	_____	GPM	_____	PSI	_____
	#2 - HP	_____	GPM	_____	PSI	_____
Process pump:	#1 - HP	_____	GPM	_____	PSI	_____
	#2 - HP	_____	GPM	_____	PSI	_____
	#2 - HP	_____	GPM	_____	PSI	_____

Cooling Towers	Fan HP	Capacity Tons	Make
#1			
#2			
#3			

**Tower tank:** Tank size L \_\_\_\_\_ W \_\_\_\_\_ H \_\_\_\_\_

Tower pump	#1 - HP	_____	GPM	_____	PSI	_____
	#2 - HP	_____	GPM	_____	PSI	_____
Process pump:	#1 - HP	_____	GPM	_____	PSI	_____
	#2 - HP	_____	GPM	_____	PSI	_____
	#2 - HP	_____	GPM	_____	PSI	_____

**SIZING DATA SHEET - INJECTION MOLDING & BLOW MOLDING**

**Chilled Water Temperature required:** \_\_\_\_\_ **F**

**Type of system:** Chilling only, with air cooled chillers? \_\_\_\_\_  
 Cooling tower and water cooled chillers? \_\_\_\_\_

Machine #	Clamp Tonnage	Hydraulic motor HP	Type of material	lbs. per hour	Throat cooling
#1					
#2					
#3					
#4					
#5					
#6					
#7					
#8					
#9					
#10					

**Air compressor;** #1 Motor HP \_\_\_\_\_  
 #2 Motor HP \_\_\_\_\_  
 \_\_\_\_\_

Internal cooling: yes/no  
 After cooler: yes/no  
 Internal cooling: yes/no  
 After cooler: yes/no  
 Internal cooling: yes/no  
 After cooler: yes/no

Is the internal cooling on chilled water or tower water?

Is the after cooler on chilled water or tower water?

Other equipment to be cooled or comments: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Do they use mold temperature control units (TCUs)?

If yes: Heater KW \_\_\_\_\_ Pump HP \_\_\_\_\_ Flow \_\_\_\_\_ PSI \_\_\_\_\_

Cooling: Direct injection or heat exchanger.

**SIZING DATA SHEET - EXTRUSION**

Chilled Water Temperature required: \_\_\_\_\_ F

Machine #	Screw Dia.	Drive Motor HP	Type of material & lbs./hr	Barrel Cooling	Throat cooling	Gear Box Cooling
#1						
#2						
#3						
#4						
#5						
#6						
#7						
#8						
#9						
#10						

Type of extrusion: Pipe \_\_\_\_\_ Profile \_\_\_\_\_ Siding \_\_\_\_\_ Wire \_\_\_\_\_

Pelletizing: Type of pelletizer - Under water.  
- Water ring die face  
- \_\_\_\_\_

Make \_\_\_\_\_ Model # \_\_\_\_\_

Does the cooling trough have to empty out at start of process?

Air compressor; #1 Motor HP \_\_\_\_\_  
#2 Motor HP \_\_\_\_\_  
\_\_\_\_\_

Internal cooling: yes/no  
After cooler: yes/no  
Internal cooling: yes/no  
After cooler: yes/no  
Internal cooling: yes/no  
After cooler: yes/no

Is the internal cooling on chilled water or tower water?

Is the after cooler on chilled water or tower water?

Other equipment to be cooled or comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

**SIZING DATA SHEET - BLOWN FILM**

Air Ring Air Temperature required: \_\_\_\_\_ F

Entering air: \_\_\_\_\_ F dry bulb, \_\_\_\_\_ F wet bulb.

Machine #	Air ring CFM	Drive Motor HP	Type of material & lbs./hr	Barrel Cooling	Throat cooling	Gear Box Cooling
#1						
#2						
#3						
#4						
#5						
#6						
#7						
#8						
#9						
#10						

Air cooling Units (ACU) are Air to water/glycol coil units:

- How many required of each?     -     External bubble cooling (EBC)
- Internal bubble cooling (IBC)

If IBC is used we require CFM of each unit.

Air compressor;	#1 Motor HP	_____	Internal cooling:	yes/no
			After cooler:	yes/no
	#2 Motor HP	_____	Internal cooling:	yes/no
			After cooler:	yes/no
		_____	Internal cooling:	yes/no
			After cooler:	yes/no

Is the internal cooling on chilled water or tower water?

Is the after cooler on chilled water or tower water?

Other equipment to be cooled or comments: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_