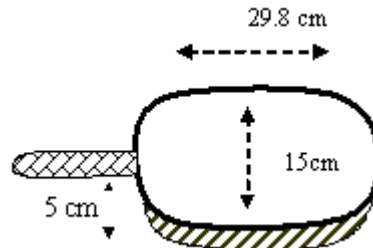




SURFACE AREA CALCULATION SHEET (SCOOP)

SS Scoops



SURFACE AREA OF SS Scoops:

Length= 29.8 cm

Diameter =15 cm

Scoop	Height	=	29.8 cm
	Radius	=	7.5 cm
	Area	=	$\frac{2 \pi r h + \pi r^2}{2}$
		=	$\frac{2 \times 3.14 \times 7.5 \times 29.8 + 3.14 \times 7.5 \times 7.5}{2}$
		=	$1403.5 + 176.625 / 2 = 1580.1 / 2 = 790.05 \text{ cm}^2$
		=	122.34 inch^2

Total surface area of all scoops (12 scoops) = $122.34 \times 12 = 1468.08 \text{ inch}^2$