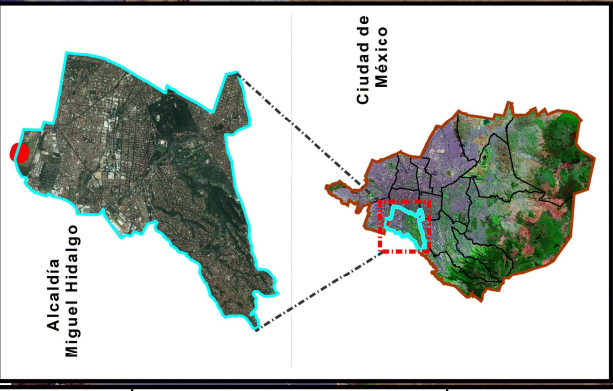


LOCALIZACIÓN



SIMBOLOGÍA

- Ubicación del Proyecto
- Limite municipal
- Vértices
- Poligonal predio CEDEC
- Ubicación de maquinaria

Nivel de ruido producido
 dB High : 97
 Low : 63

LADO	PV	DISTANCIA	V	X	Y
1	2	152.614	1	2.153.147.392	479.056.117
2	3	20.21	2	2.153.089.884	479.235.195
3	4	123.25	3	2.152.912.411	479.222.153
4	5	67.597	4	2.152.892.164	479.151.909
5	6	105.79	5	2.153.019.952	479.056.828
6	1	131.973	6	2.153.147.392	479.056.117
				22.068.684 m ²	

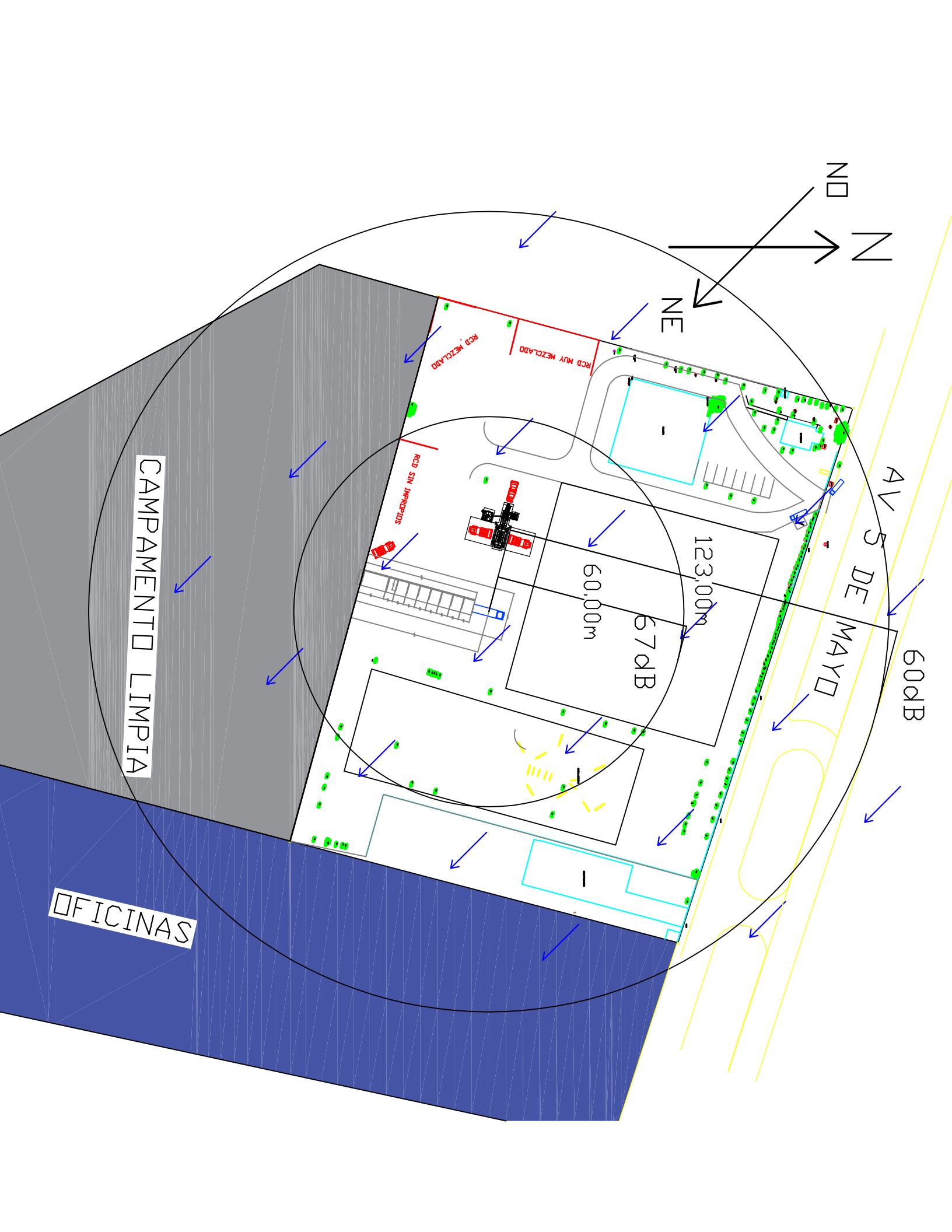
Escala 1:600

0 10 20 40 Metros

SECRETARÍA DE EDUCACIÓN, CIENCIA, UNIVERSIDAD Y TECNOLOGÍA E INNOVACIÓN

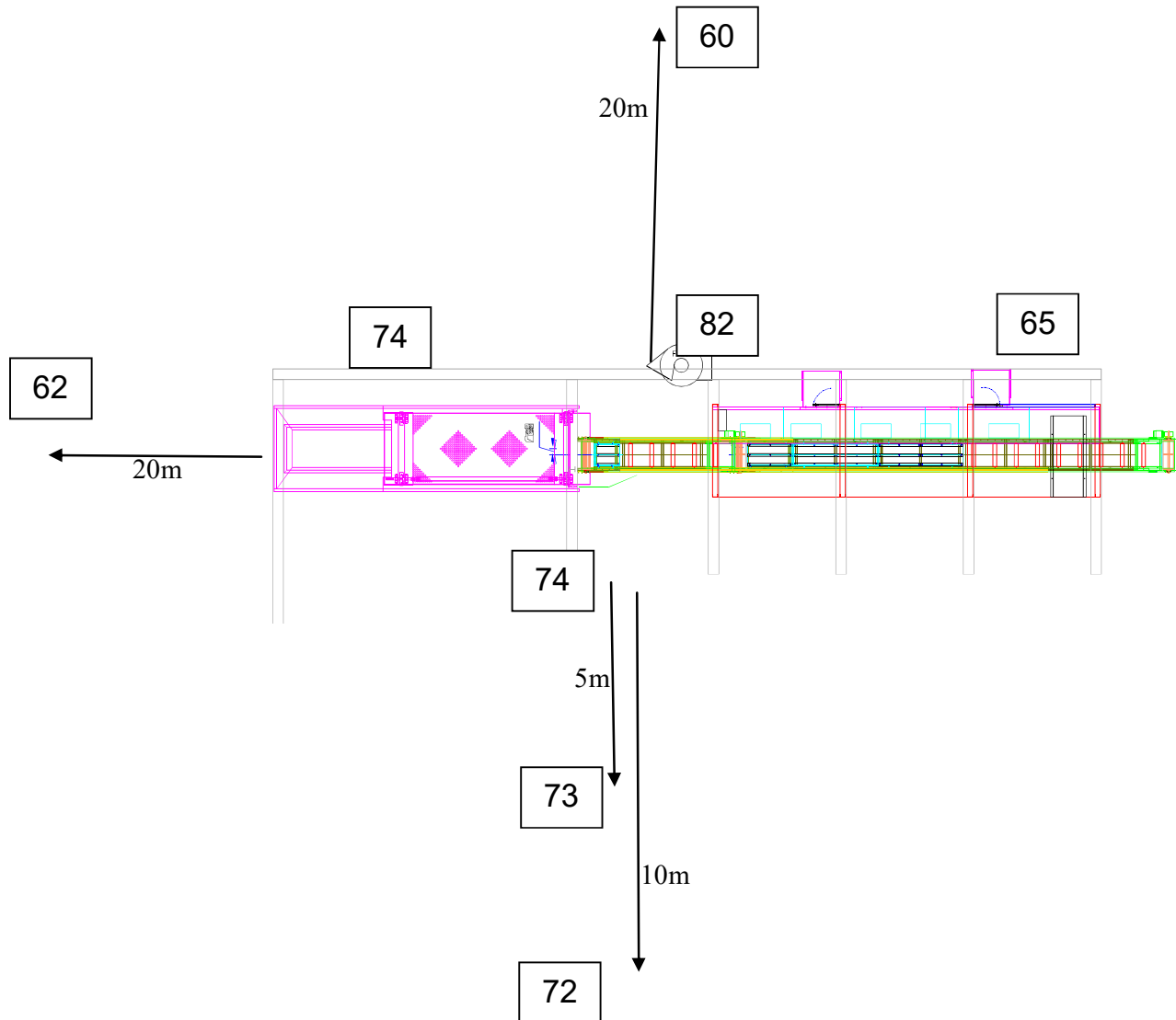
Fuente: Elaborado con base en la información del Marco Geostatístico Nacional de INEGI versión 6.2.

Referente Espacial: UTM WGS84 Zona 14N



Sound Level measurements At Chilton Waste on 13-1-06

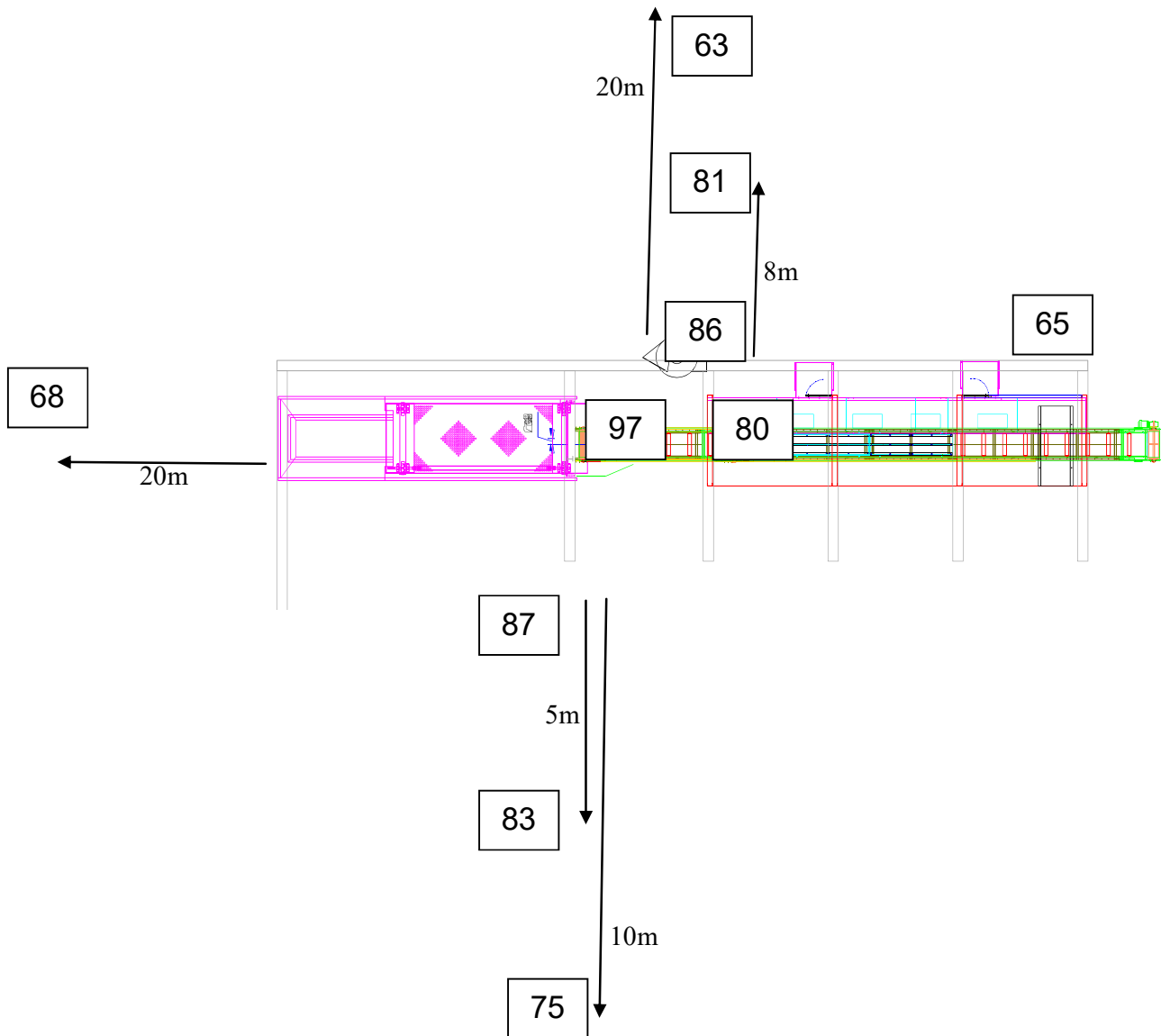
Screen running, but empty:



When running the line with no material in, the highest noise level was from the fan, which gave 82 dB at 1m. There was a rattle from the fan ducting which made it a little noisier than normal. (Fan spec states 79dB @ 1.5m)

At a distance of 20m from the screen, it could not be heard over background noise.

Screen running, and loaded with heavy skip waste, including bricks, rocks, etc:



In the mouth of the drum, the highest level of 97 dB was recorded. But on the ground, 1m from the screen, the highest level was just 87dB, probably indicating that the sides of the trommel do a great deal to retain the noise.

In the picking station, 80dB was the highest level. This noise was from the air knife, which is in the picking station.

More than 5m from the screen, the noise was a lot less than that of the loaders and grabs used on site.

Maquinaria que se utilizará en el proyecto “CIREC”

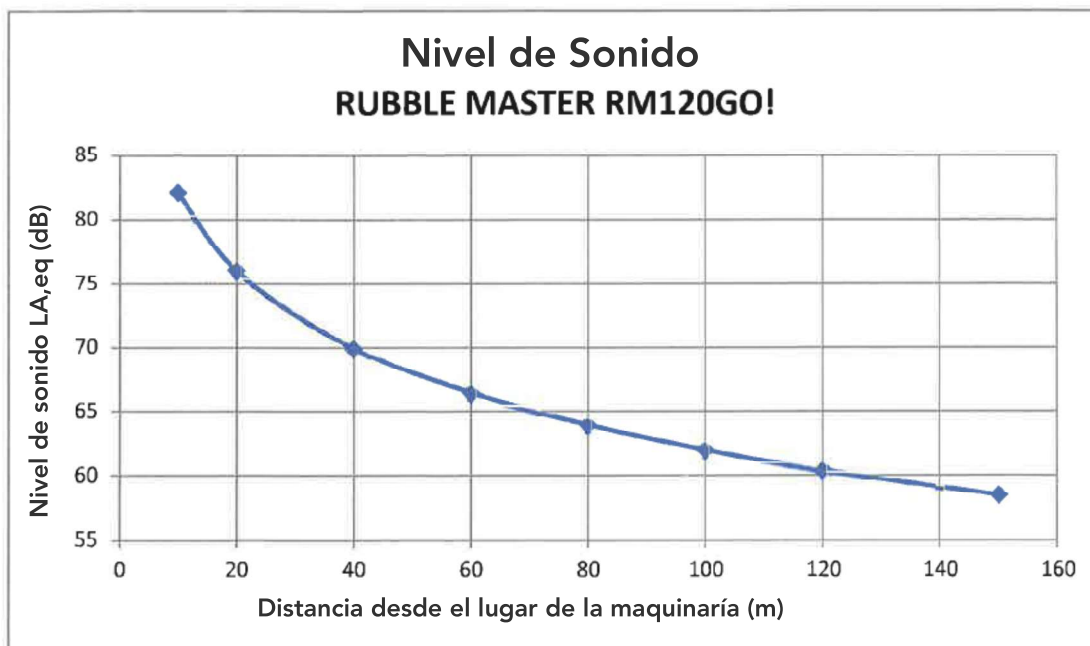
El proyecto utilizará equipo de la marca RM Group

Esta marca se caracteriza por ser la que ocasiona el menor ruido en la industria de la construcción, puesto que es apto para trabajar en áreas rurales y zonas cerradas, procurando evitar malestar a la población.

Potencia del sonido LWA 109,9 dB(A)

Relación ruido – distancia

Distancia desde el lugar de la maquinaria	10	20	40	60	80	100	120	150 m
Nivel de sonido	82,0	75,9	69,9	66,4	63,9	62,0	60,4	58,4 dB(A)



El diagrama muestra que a 60 metros de distancia de la maquinaria emite un sonido con 67 dB de potencia **Nota: El ruido de la maquinaria es imperceptible a 160m**