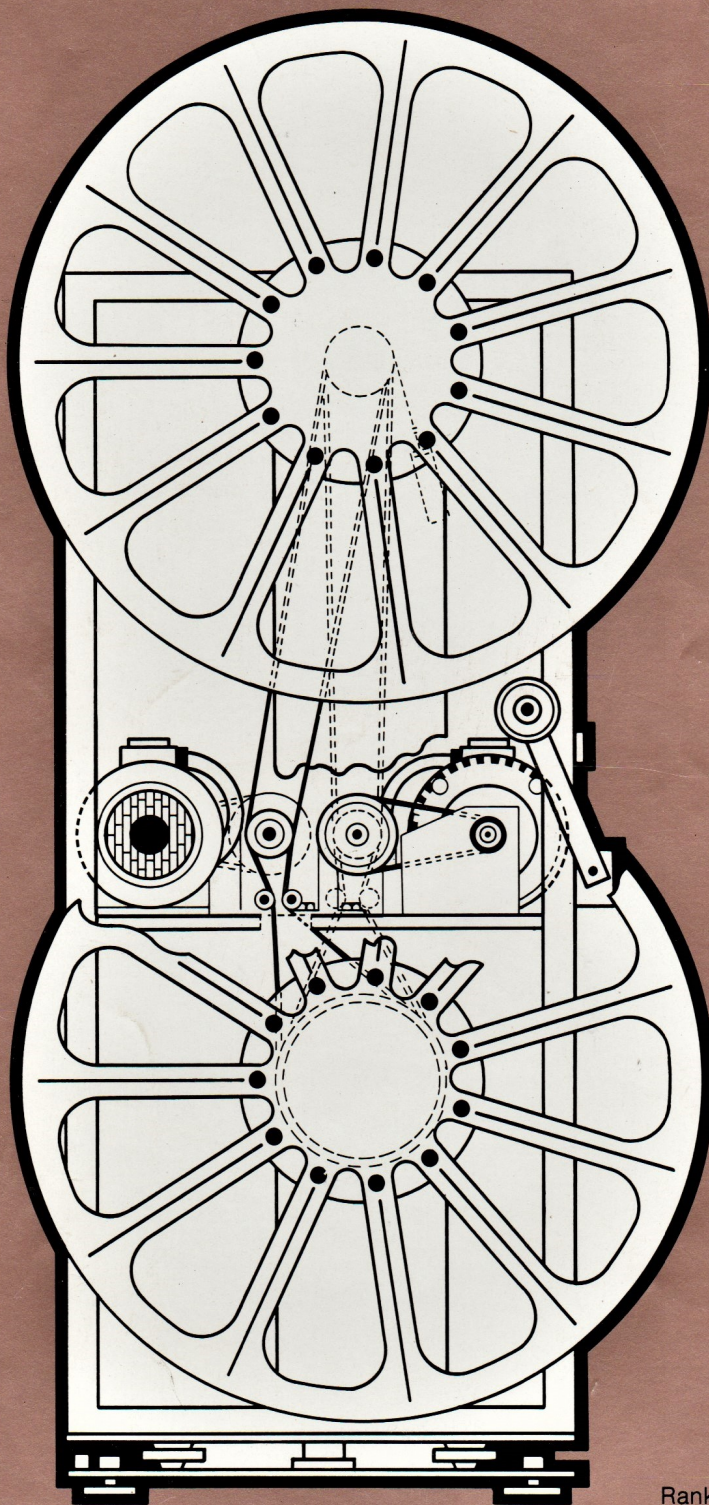


Rank Film Equipment



LONG PLAYING TOWERS

DGB 2x4
DGB 4x4



Both Long Playing Towers utilise patented weight-compensated clutches for take-up, which ensures constant light film tension, irrespective of spool diameter.

The Towers can be automated for remote starting and do not require any adjustment during projection. This permits unattended operation which is invaluable – particularly for multi-screen cinemas.

The constant light film tension and the absence of multi changeover/rethreading operations makes the DGB series much less harsh on film than conventional two-projector systems.

Ideally, the Towers should be situated directly behind the projector. However, if space is limited the Tower can be positioned parallel with, or up to an angle of 90° with, the projector but angled roller assemblies are necessary to divert the film onto the projector rollers.

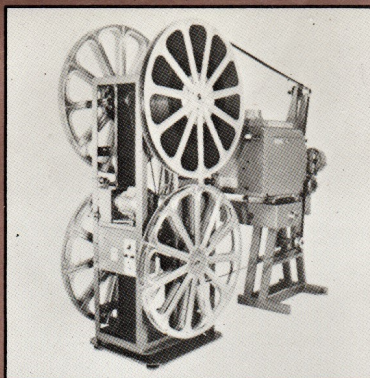
Controls consist simply of ON/OFF switch and TAKE UP/REWIND switch (a Mascarini switch is incorporated into some models).

DGB Long Playing Towers are highly versatile, simple to operate, easily maintained and above all, rugged.

Versatility *is*
Cinemeccanica!



Rank Film Equipment,
A division of Rank Audio Visual Limited,
P.O. Box 53, Great West Road, Brentford, Middlesex TW8 9HR, England.
Telephone: 01-568 9222. Telex: 27976. Cables: Rankaudio Brentford.



1 After projection of one side of the DGB 4 x 4, the Tower is rotated through 180° by releasing a foot operated locking catch. Corresponding lugs on the opposite end of the chassis lock the Tower in position before rethreading.

2 DGB Towers are smooth running. The drive mechanism, consisting of motor, 'V' belts and alloy pulleys, is easily maintained and extremely positive – there is no gearbox.

3 Telescopic loop absorbers are connected between the feed reel hubs and the main framework. These devices eliminate all slack film and avoid 'snatch' when starting up.

With the now common practice of converting large theatres into two or more smaller cinemas, there is a constantly growing demand for projection systems capable of handling a complete programme using single projectors. To meet this demand, Cinemeccanica have designed two Long Playing Towers – DGB 4 x 4 and DGB 2 x 4.

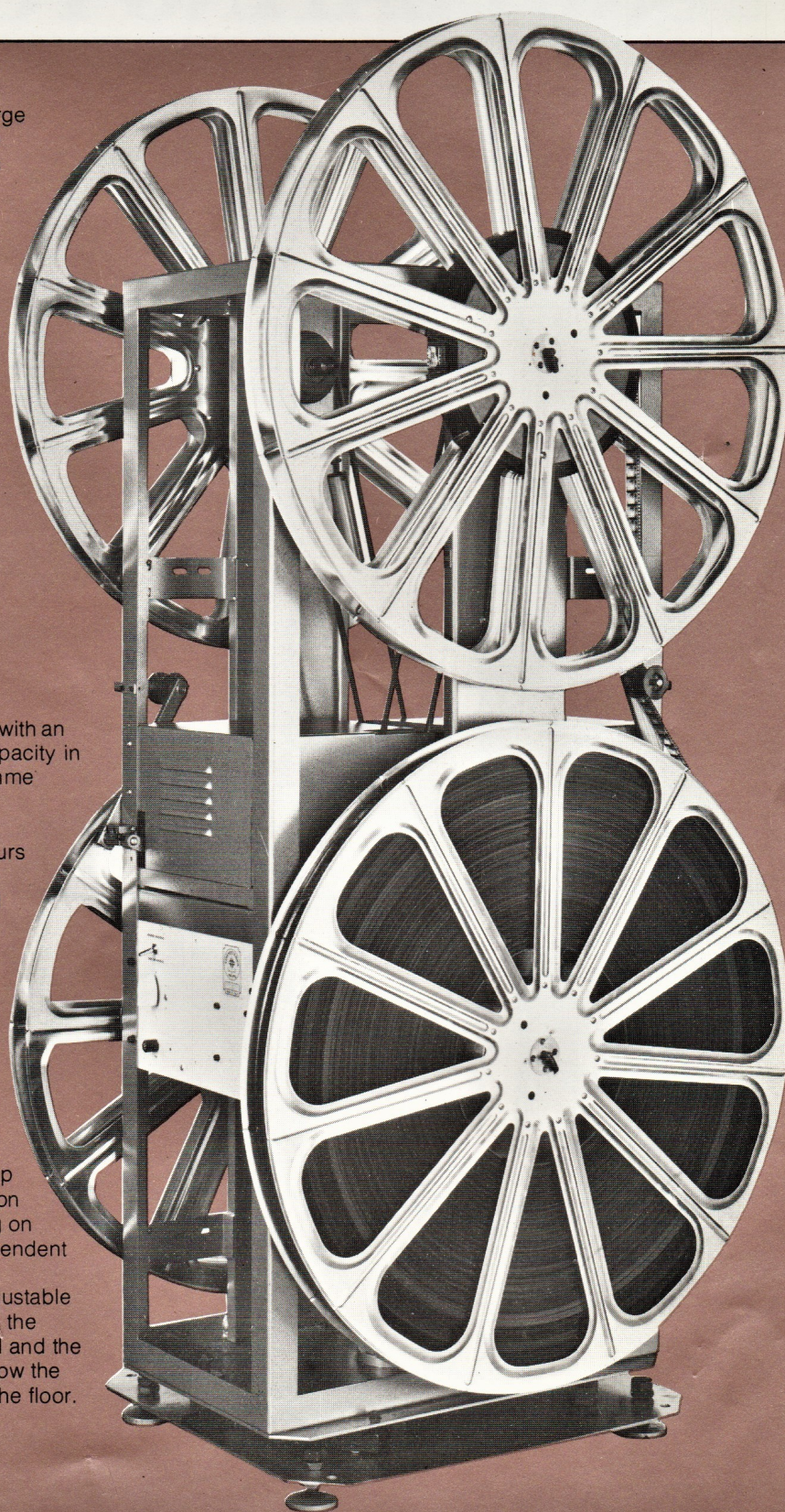
DGB 4x4

A double sided Tower with an 8000 metre (26,000ft) capacity in total providing a programme time of 4½ hours.

After the uninterrupted projection of up to 2½ hours of programme using one side, the Tower is rotated on its central axis during the interval period and the other side laced through the projector. The first part of the programme is then rewind while the second part is projected. The rewind time is only 12 minutes for each side.

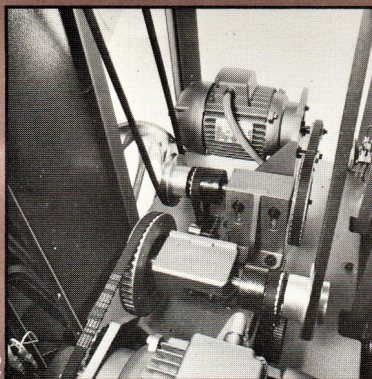
It is possible to make up or break down a feature on one side whilst projecting on the other since two independent motors are used.

The DGB 4 x 4 has adjustable levelling screws to obtain the required operational level and the base plate is drilled to allow the unit to be fixed firmly to the floor.

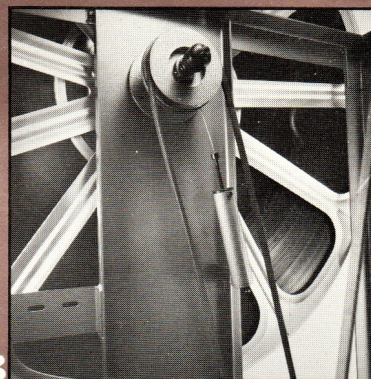




2



3

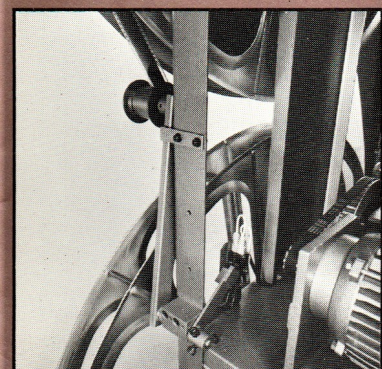


DGB 2x4 DGB 4x4

Features Common to Both:

4 Automatic rewind shut-off devices are available on both Towers (one on each side on the DGB 4x4). These devices automatically switch off the motor when the film is completely rewound.

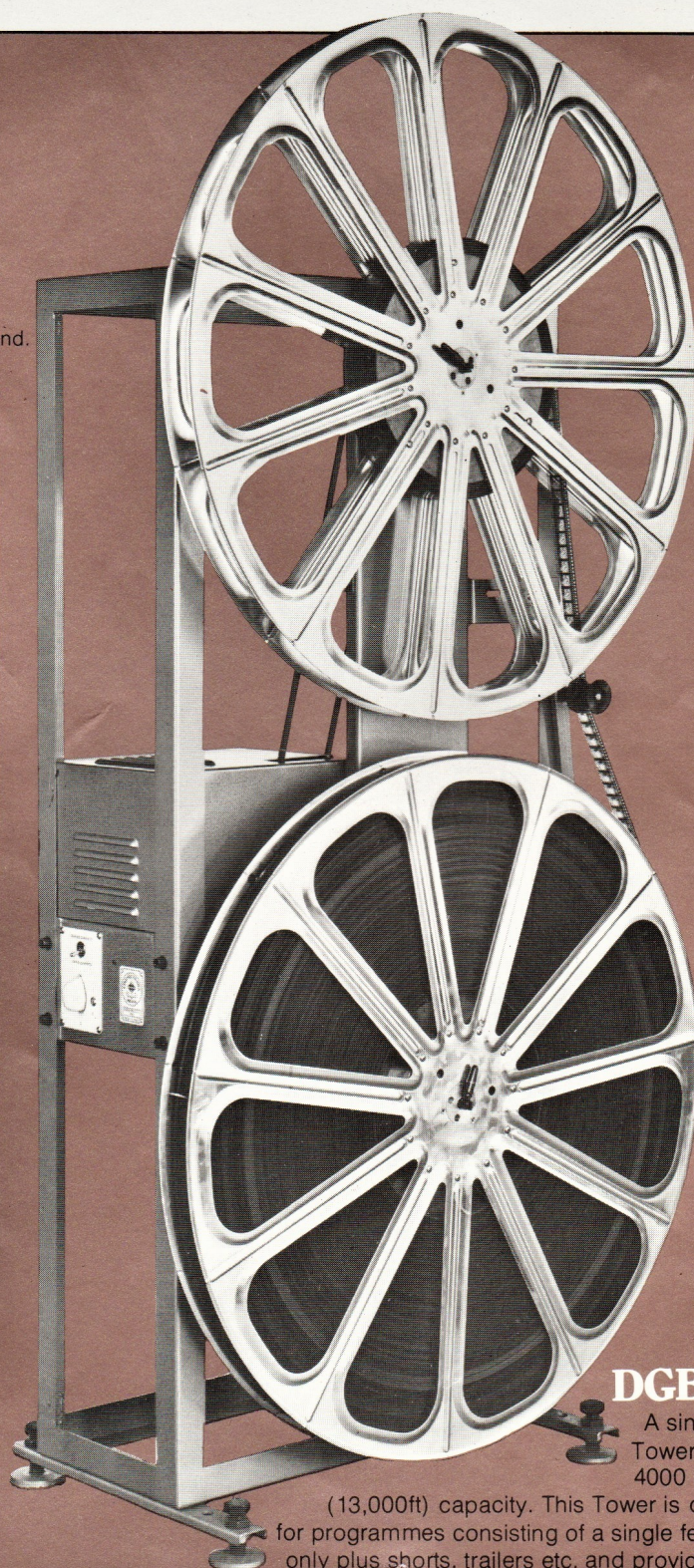
5 Inertia-compensated take up spools are available as an added precaution against film 'snatch'.



4



5



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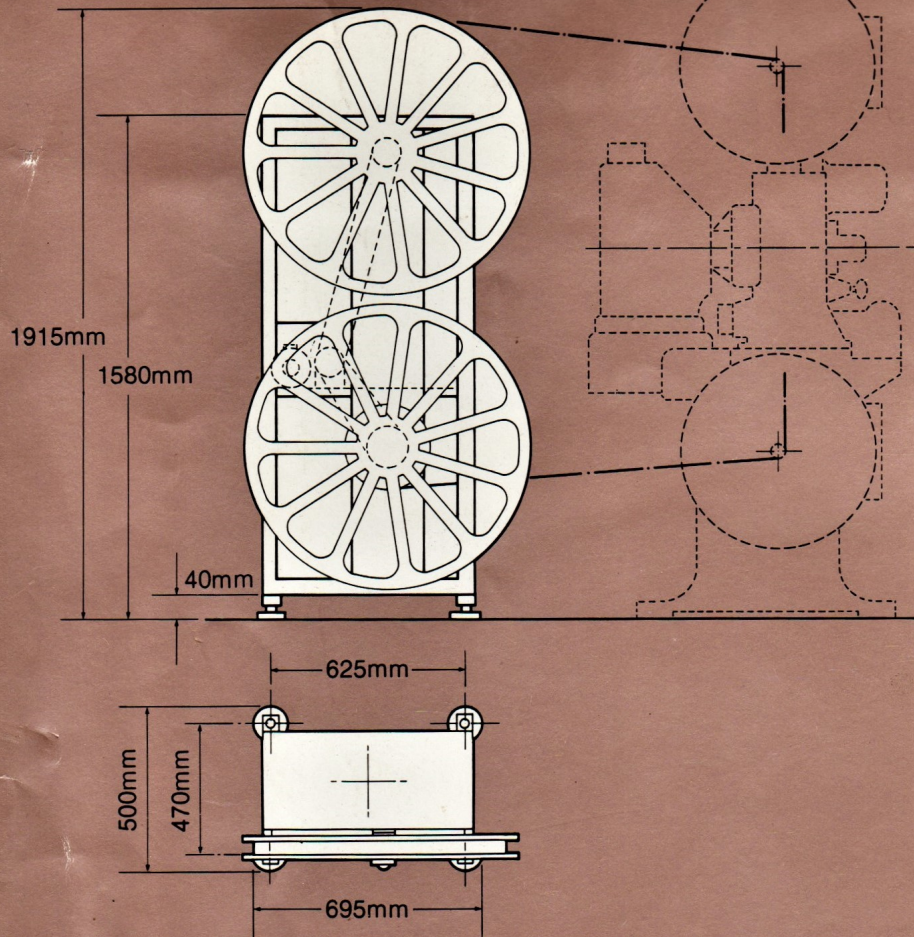
DGB 2x4

A single sided Tower with a 4000 metre

(13,000ft) capacity. This Tower is designed for programmes consisting of a single feature only plus shorts, trailers etc. and provides up to 2½ hours of uninterrupted projection.

Rewind time, as with the DGB 4 x 4 is only 12 minutes.

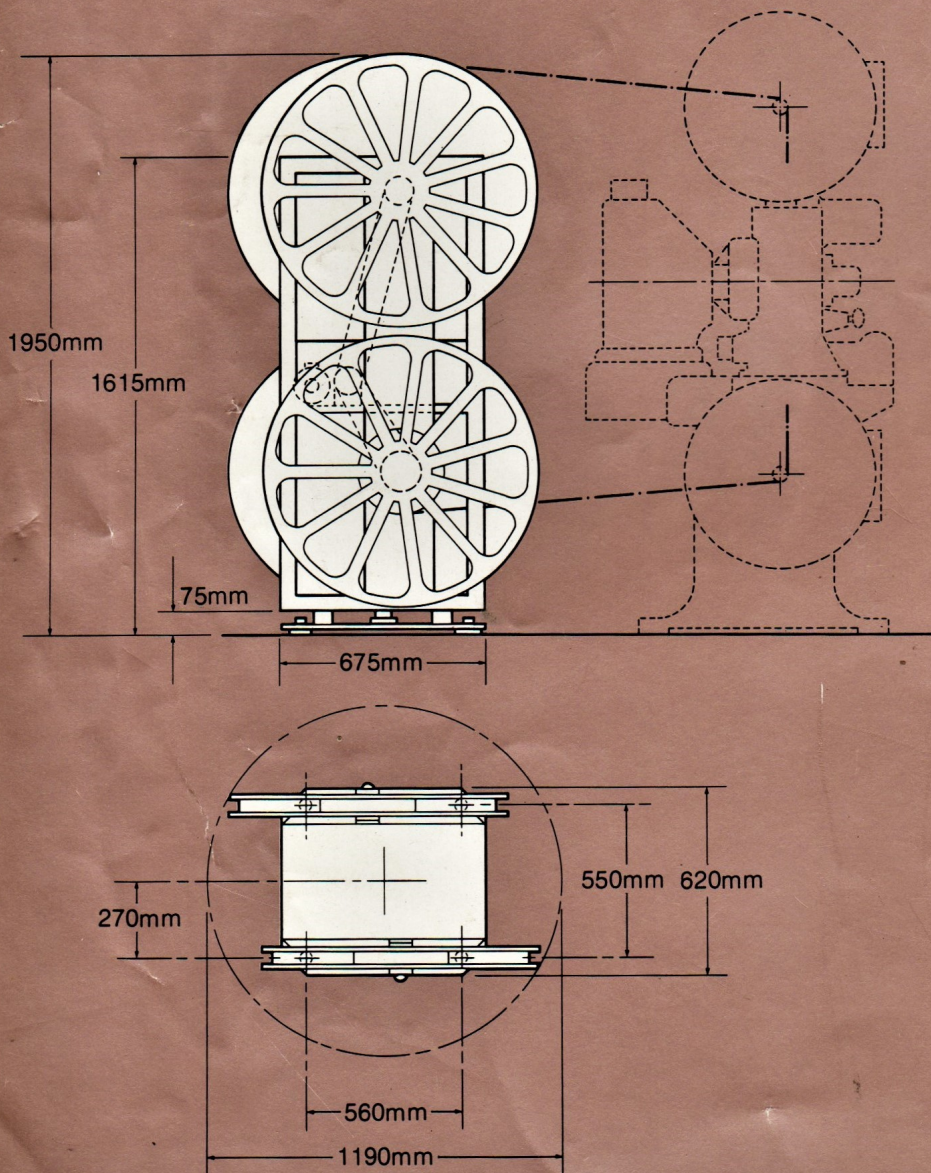
DGB 2x4



Specification

Overall height: 1915mm.
Height of frame: 1580mm.
Length of frame: 695mm.
Width of frame: 500mm.
Spool capacity (max): 4,000 metres.
Motor: D.C. Variable.
OTHER FEATURES:
Weight compensated take up clutch.
Loop absorbers – rewind.
OPTIONAL FEATURES:
Automatic rewind shut-off.
Make up/Break down device.
Inertia compensated take up spool.
Roller arms for side installation

DGB 4x4



Specification

Overall height: 1950mm.
Height of frame: 1615mm.
Length of frame: 675mm.
Width of frame: 620mm.
Minimum space required all round: 1190mm.
Spool capacity (max): 4000 metres per side.
Motor: D.C. Variable Voltage. 240V. 50 cycles.
OTHER FEATURES:
Weight compensated take up clutches (both sides).
Loop absorbers – rewind (both sides).
OPTIONAL FEATURES:
Automatic rewind shut-off (both sides).
Make up/Break down device.
Inertia compensated take up spools.
Roller arms for side installation