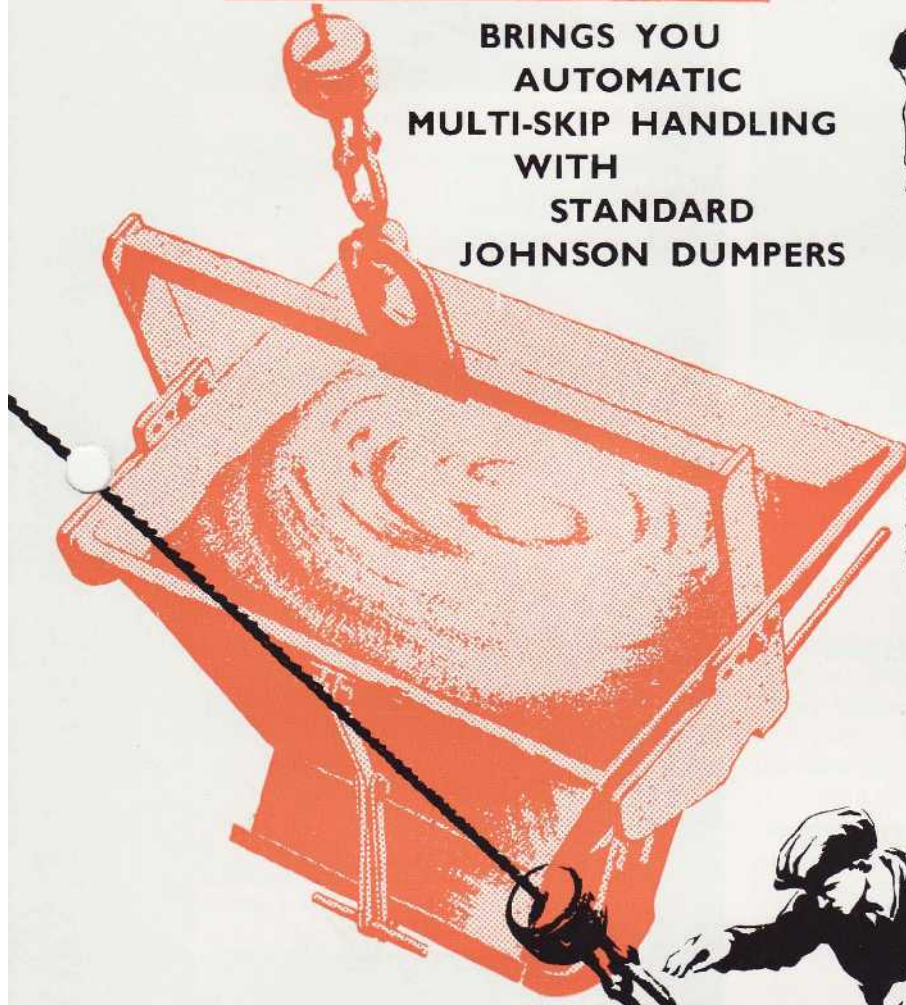


JOHNSON

'TRIP-SKIP' Regd.

(BRITISH PATENT Nos. 893,544 and 914,950)

BRINGS YOU
AUTOMATIC
MULTI-SKIP HANDLING
WITH
STANDARD
JOHNSON DUMPERS



'TRIP-SKIP' Regd.

Combined operation—'Trip-Skip' gives maximum flexibility to site organisation. A simple sequence can be established whereby the dumper and crane work as a team—neither waiting for the other. 'Trip-Skip' is designed to facilitate quick and easy handling by one banksman only. No other labour is necessary and the dumper driver does not leave his seat nor require any assistance in picking up or depositing skips.

'TRIP-SKIP' OFFERS ALL THESE ADVANTAGES

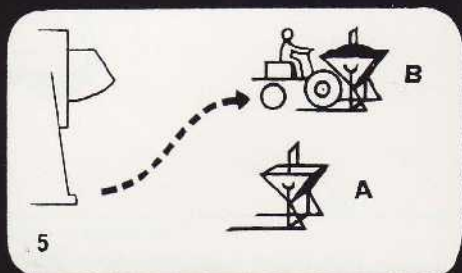
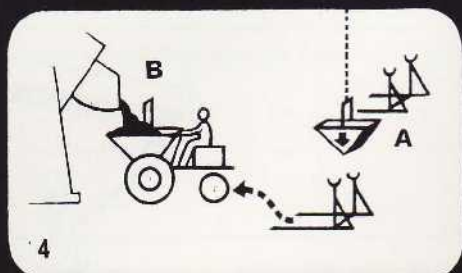
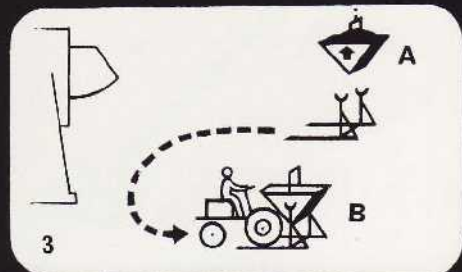
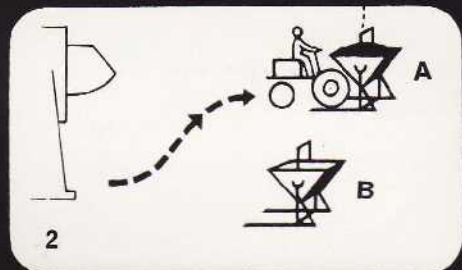
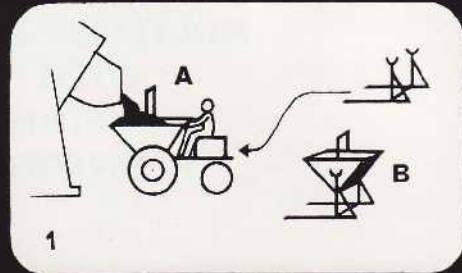
- ★ POSITIVE AND INHERENTLY SAFE IN OPERATION
 - ★ MULTIPLIES DUMPER OUTPUT
 - ★ INCREASES CRANE UTILIZATION
 - ★ SLASHES DUMPER 'TURN-ROUND' TIME
 - ★ MIXING CAN BE ECONOMICALLY SITED OUTSIDE THE WORKING RADIUS OF THE CRANE
 - ★ INCREASES THE FLEXIBILITY OF YOUR JOHNSON DUMPERS
- ★ TRIP-SKIP IS EASILY INTERCHANGEABLE WITH STANDARD TIPPING SKIPS
- ★ SIMPLE, ROBUST, RELIABLE AND ECONOMICAL
- ★ NO COMPLICATED MECHANISM OR HYDRAULICS
 - ★ NO MANHANDLING
- ★ THE DUMPER DRIVER DOES NOT LEAVE HIS SEAT
 - ★ DEPOSITS OR COLLECTS LOADED OR UNLOADED SKIPS INSTANTANEOUSLY

KEY TO DIAGRAM

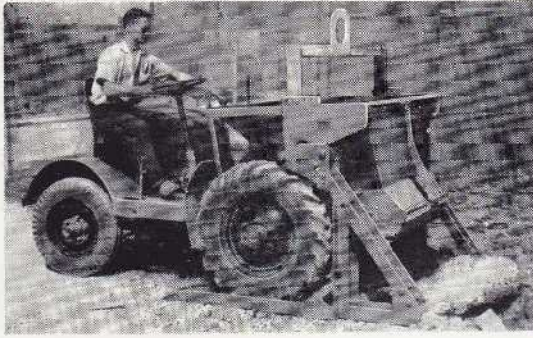
- 1 'Trip-Skip' (A) is filled from mixer or wet hopper. Crane drops skip (B) on Ground Frame
- 2 Filled skip (A) is lodged on vacant Ground Frame (B)
- 3 Dumper reverses clear and proceeds to other Ground Frame (A) to collect empty skip (B). Crane hoists skip
- 4 Skip (B) is refilled while crane is discharging skip (A) and returning it to Ground Frame
- 5 And so the sequence continues. One dumper with two 'Trip-Skips' and two Ground Frames can easily handle the output of a 21/14 mixer

OPERATIONAL SEQUENCE WHEN HANDLING CONCRETE

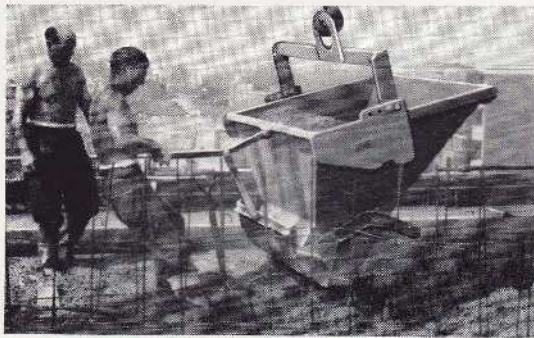
This simple sequence illustrates the employment of Trip-Skip when the mixing position is outside the working radius of the crane, e.g. when the site is too congested and when crane tracks cannot be extended owing to levels or distances involved when central mixing must be employed. One or more dumpers can serve a multiplicity of working points simultaneously.



The filled skip is lodged in a vacant Ground Frame.



The filled skip is hoisted by the crane.

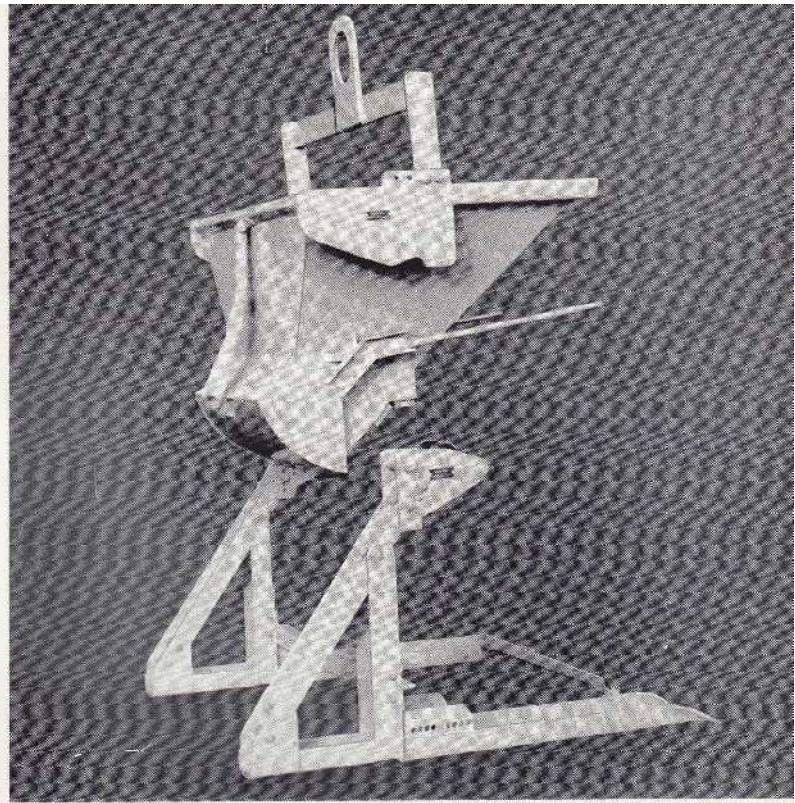


Trip-Skip is easy to handle and discharge.



The empty skip is lowered on to a vacant Ground Frame.

Dumper collects empty skip for recharging at the mixer.



On many sites 'Trip-Skip' has provided its remarkable flexibility and time-saving qualities. On flats in London concrete has been hauled 50 yards from a central mixing plant and hoisted eleven storeys by Tower Crane in a turn-round time of 2½ minutes – 12 cubic yards per hour!

On bored piles on a congested Glasgow site, one Johnson dumper with two 'Trip-Skips' and two Ground Frames proved highly successful in removing spoil from the borings (much of it sticky clay) and hauling and discharging concrete into the bore holes. Thus 'Trip-Skip' enables one dumper to do more than two standard dumpers would previously have done. On long hauls, dumper output can be further improved by using extra skips and ground frames located at the mixer end, with the aid of a two-way chute at the mixer.



'Trip-Skips' can be used without detaching them from the dumper if required and, indeed, form an excellent means of giving controlled discharge, for spreading materials, or even for discharging small quantities in different places.

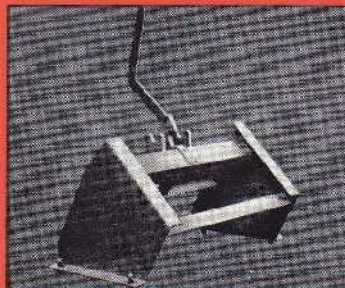


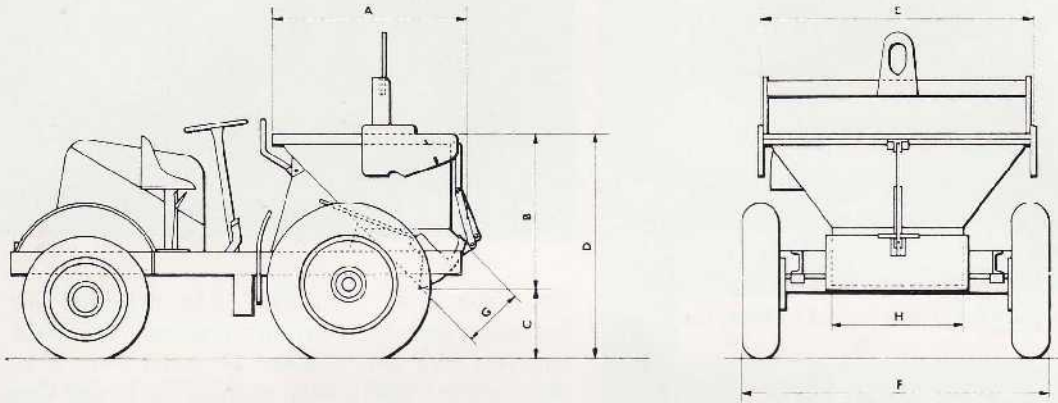
Illustration of Skip Latch Cradle. Rapid interchangeability with standard skip. Lift off the tipping skip from any standard Johnson dumper listed overleaf, bolt on the skip latch cradle and your dumper is ready to handle 'Trip-Skip'. It is impossible for the 'Trip-Skip' to be dislodged in transit – no matter how rough is 'the going'.

PRINCIPAL DIMENSIONS OF THE 'TRIP-SKIP'

Principal dimensions of 'Trip Skips' suitable for use with Johnson Dumpers are shown below.

A FEW EXAMPLES OF WORK ALREADY CARRIED OUT WITH 'TRIP-SKIP'

- 1 Transporting concrete from mixer to crane for "no fines" houses.
- 2 Transporting concrete from central batching plant to numerous bridge sites in motorway construction.
- 3 Transporting concrete from mixer to crane on Multi-storey flat building schemes.
- 4 Transporting concrete from mixers to remote placing points in sea defence schemes.
- 5 Removing excavated spoil from a building foundation.
- 6 Placing concrete in the same foundation.



"TRIP SKIP" WET LEVEL cu. ft./Litres	SUITABLE FOR DUMPER MODEL	NETT WEIGHT lbs./kg.		A	B	C	D	E	F	G	H
16 cu. ft. 453 litres	2HG	405 lbs. 184 kg.	ft./in. mm.	3'-9"	2'-11½"	1'-3"	4'-3½"	3'-6"	4'-11½"	10"	1'-9"
18 cu. ft. 510 litres	1JG, 1JP 1LG, 1LP	527 lbs. 239 kg.	ft./in. mm.	3'-8¾"	3'-2¼"	1'-0"	4'-2¼"	4'-6½"	5'-3"	1'-0¾"	2'-3¾"
21 cu. ft. 594 litres	8EG, 8EP	549 lbs. 249 kg.	ft./in. mm.	4'-1"	3'-1½"	11"	4'-0½"	4'-11¾"	5'-11½"	1'-2¾"	2'-10"

Note:—Dumpers supplied with "Trip Skip" as original equipment (instead of standard tipping skip) have the suffix "T" in their type designation (instead of "G" or "P"). Example: 2HT.

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See Johnson Regional Four Point Service Leaflet for full spares and service facilities — Nationwide
In accordance with our policy of continual improvement we reserve the right to modify these machines without notice.

