



ANGLE OF TIP

WHERE PIVOT CENTRES & STROKE ARE KNOWN - USE FORMULAE

STROKE
PIVOT CENTRES

X59 = ANGLE OF TIP

HOIST STROKE

WHERE PIVOT CENTRES & ANGLE OF TIP ARE KNOWN - USE FORMULAE

- 40 — ANGLE = PIVOT CENTRES X .68 = HOIST STROKE
- 45 — ANGLE = PIVOT CENTRES X .76 = HOIST STROKE
- 47.5 — ANGLE = PIVOT CENTRES X .80 = HOIST STROKE
- 50 — ANGLE = PIVOT CENTRES X .84 = HOIST STROKE
- 55 — ANGLE = PIVOT CENTRES X .92 = HOIST STROKE

NOTE: THESE FORMULAE ARE ACCURATE ENOUGH FOR CONVENTIONAL TIPPER CALCULATIONS