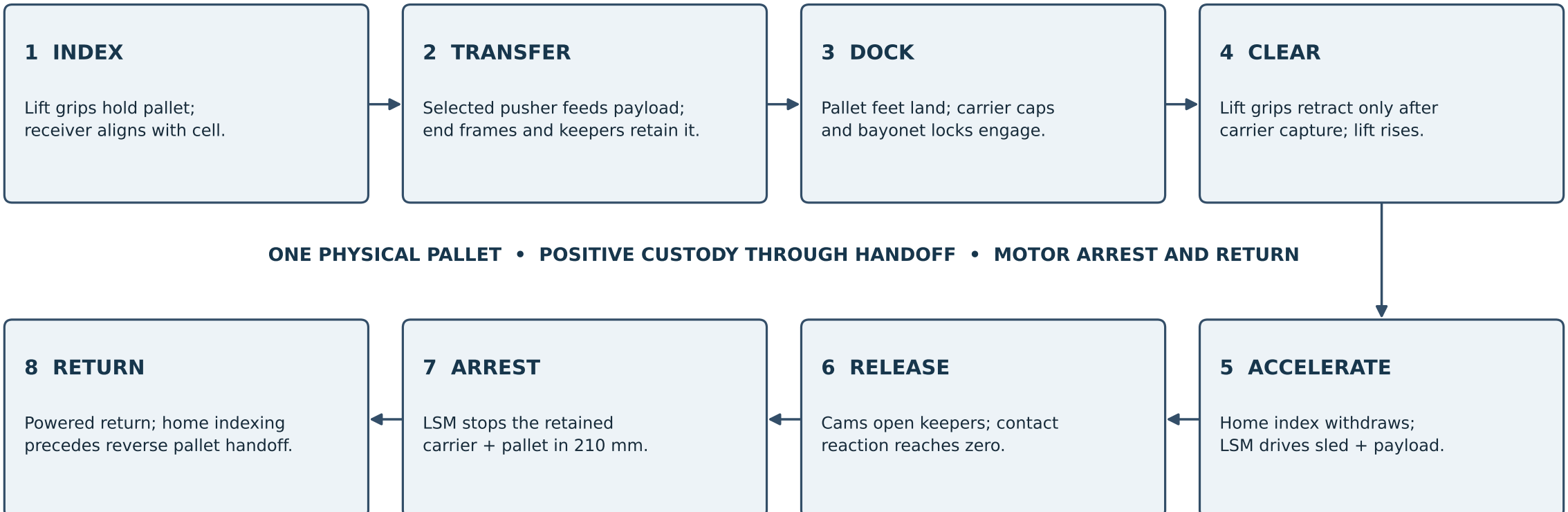

1 INDEX
Lift grips hold pallet; receiver aligns with cell.
2 TRANSFER
Selected pusher feeds payload; end frames and keepers retain it.
3 DOCK
Pallet feet land; carrier caps and bayonet locks engage.
4 CLEAR
Lift grips retract only after carrier capture; lift rises.
ONE PHYSICAL PALLET • POSITIVE CUSTODY THROUGH HANDOFF • MOTOR ARREST AND RETURN
5 ACCELERATE
Home index withdraws; LSM drives sled + payload.
6 RELEASE
Cams open keepers; contact reaction reaches zero.
7 ARREST
LSM stops the retained carrier + pallet in 210 mm.
8 RETURN
Powered return; home indexing precedes reverse pallet handoff.