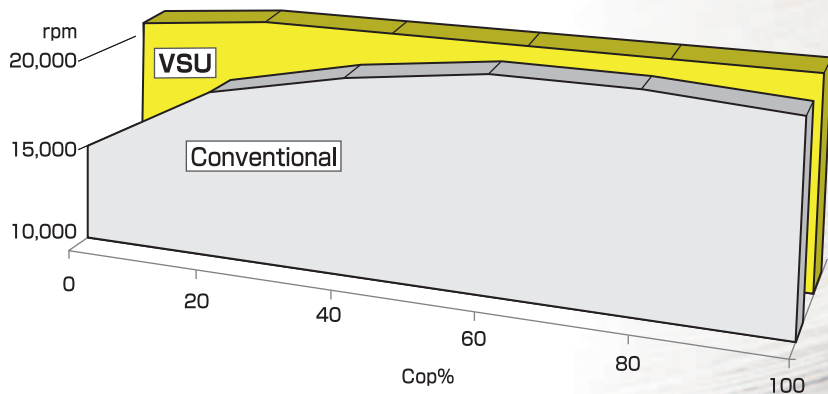


## Comparison in Speed Diagram

Compact Cotton Ne40,  $\phi$ 36 mm, 7inch lift



## Characteristics/ 特徴

This is the traveller first in the world which enables running at a top speed right after the traveller changing (Vertical Start Up) also ensuring high productivity with stable performance.

The special heat treatment on the alloy steel gives high wear resistance and the special lubricating composite material coating helps smooth running performance.

It is an epoch-making traveller that has never existed before.

特殊熱処理を合金鋼に施し高い耐摩性を持たせると共に、特殊潤滑性複合物質をコーティングすることで世界で初めてトラベラ交換直後よりトップスピード(垂直立上げ)で安定した紡出を可能とし、高い生産性が確保できる、今までにない、画期的なトラベラです。

## Advantages/ 利点

### ■ For "Vertical Start Up" / 垂直立上げ時

- OPS more than +2~5% UP / OPS +2~5%以上向上

\* OPS(Production)= Ounce Per Spindle / OPS(生産量)=オンス/錘

### ■ For Normal Speed Diagram / 通常立上げ時

- Outstanding Traveller Life extension / トラベラ寿命大幅延長
- Energy saving / 電力使用量削減
- Synthetic fiber melting prevention / 合繊溶融糸防止

## Practical use of VSU traveller/ VSU トラベラ実用例

Yarn	Ring	SP rpm (MAX)	Traveller number	Lift (inch)	Traveller life(days)		
					Vertical start up		Normal Sp diagram
					VSU	Conventional	
Cotton Ne55	$\phi$ 35	21,700	15/0	7	20	7	35
Cotton Ne20	$\phi$ 38	18,100	1/0	7	10	7	15
P/C Ne45	$\phi$ 40	21,000	14/0	7	12	9	22
Polyester Ne20	$\phi$ 38	17,100	No.3	7	10	8	17
P/V Ne36	$\phi$ 42	18,000	No.1	7	15	5	21