DSW



The Correct Tool for the Job: Experiences in Vehicle Selection

By

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>INTRODUCTION

> FACTORS TO BE CONSIDERED

> WASTE EXPERIENCES

>INTRODUCTION

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WASTE EXPERIENCES









INTRODUCTION

> FACTORS TO BE CONSIDERED

WASTE EXPERIENCES

FACTORS TO BE CONSIDERED

- TASK
 - DEDICATED
 - MULTI-PURPOSE

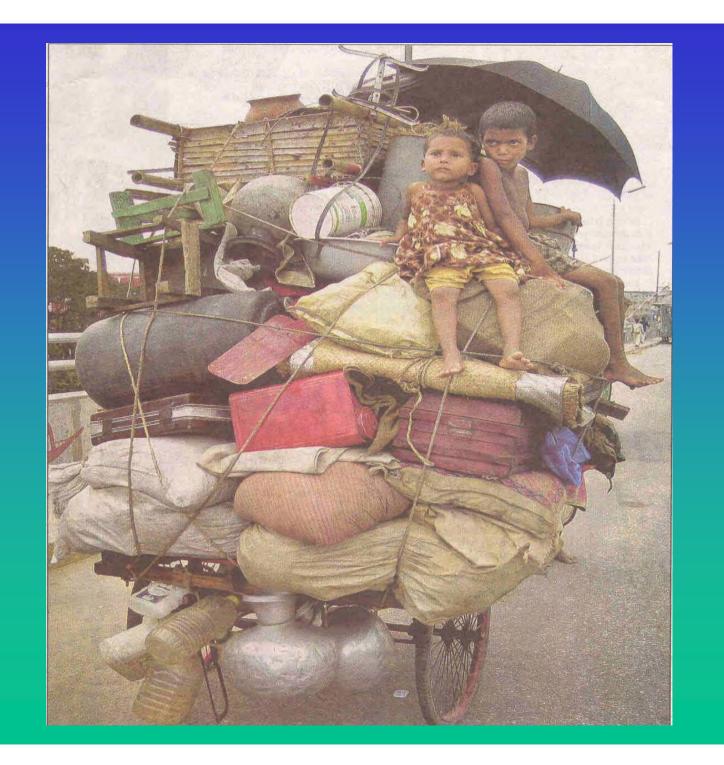






FACTORS TO BE CONSIDERED

- TASK
 - DEDICATED
 - MULTI-PURPOSE
- POWER
 - VEHICLE MASS
 - TERRAIN
 - IN FIELD OPERATIONS
 - LONG / SHORT HAUL





FACTORS TO BE CONSIDERED

- TASK
 - DEDICATED
 - MULTI-PURPOSE
- POWER
 - VEHICLE MASS
 - TERRAIN
 - IN FIELD OPERATIONS
 - LONG / SHORT HAUL
- TRANSMISSION
 - MANUAL
 - AUTOMATIC

FACTORS TO BE CONSIDERED (cont.)

AXLES / DIFFERENTIALS

- LONGHAUL (high speed, low torque)
- SHORTHAUL (low speed, high torque)
- PLANETARY HUB REDUCTION
- HYPOID AXLE

RETARDATION

- OIL BASED INTARDERS
- ELECTRO/MAGNETIC
- EXHAUST BRAKE
- VALVE BRAKE
- TURBO BRAKE



FACTORS TO BE CONSIDERED (cont.)

- SUSPENSION
 - LEAF SPRING
 - AIR
- TYRES
 - RADIAL vs CROSS PLY
 - TUBELESS vs TUBED
 - AFFECTS GVM
 - DUAL vs SINGLE
 - PRESSURE
 - INSURANCE

FACTORS TO BE CONSIDERED (cont.)

- CHASSIS AND BODIES
 - TYPE OF PAYLOAD
 - FLEXING
 - MATERIAL TYPES
 - MASS DISTRIBUTION
 - AXLE LOADING









INTRODUCTION

FACTORS TO BE CONSIDERED

> WASTE EXPERIENCES

THE RIGHT TOOL FOR THE JOB!!





←1950's

←1970's

 \rightarrow 2000's



CAGE TRUCK





TELEHOIST



6X4 20t HOOKLIFT





8x4 25t HOOKLIFT



↑ 6X4 HOOKLIFT

TRAILERS

→8X4 HOOKLIFT

↑ TELEHOIST



MECHANICAL SUCTION SWEEPER





10,5m³ REL COMPACTOR



19m³ REL COMPACTOR



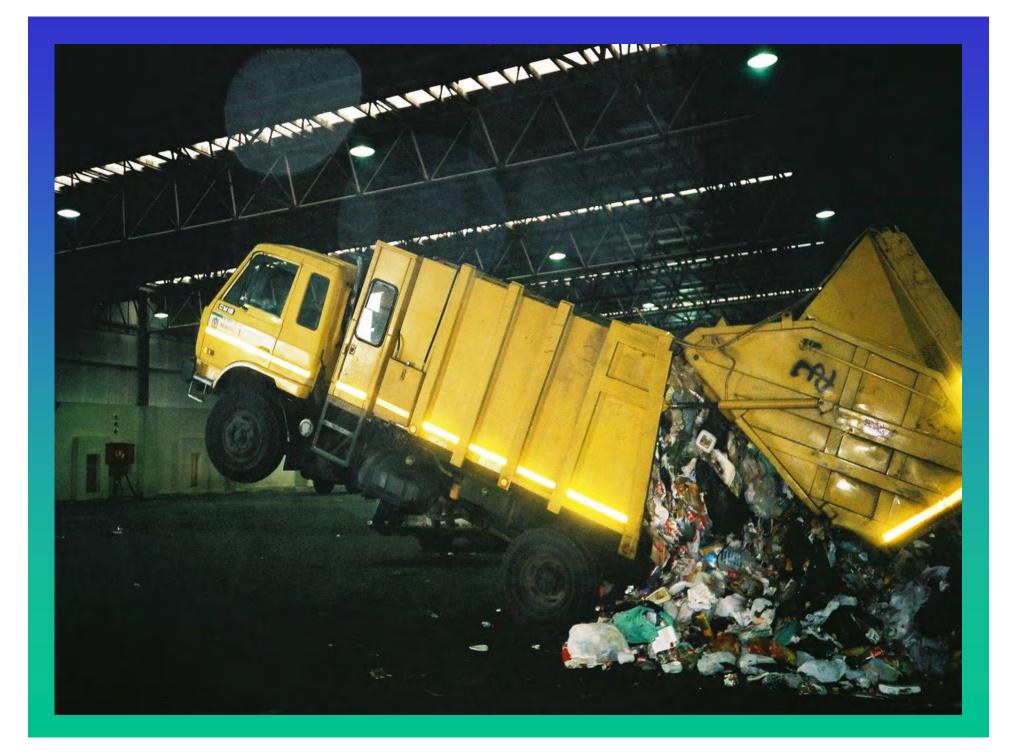
19m³ INDUSTRIAL COMPACTOR





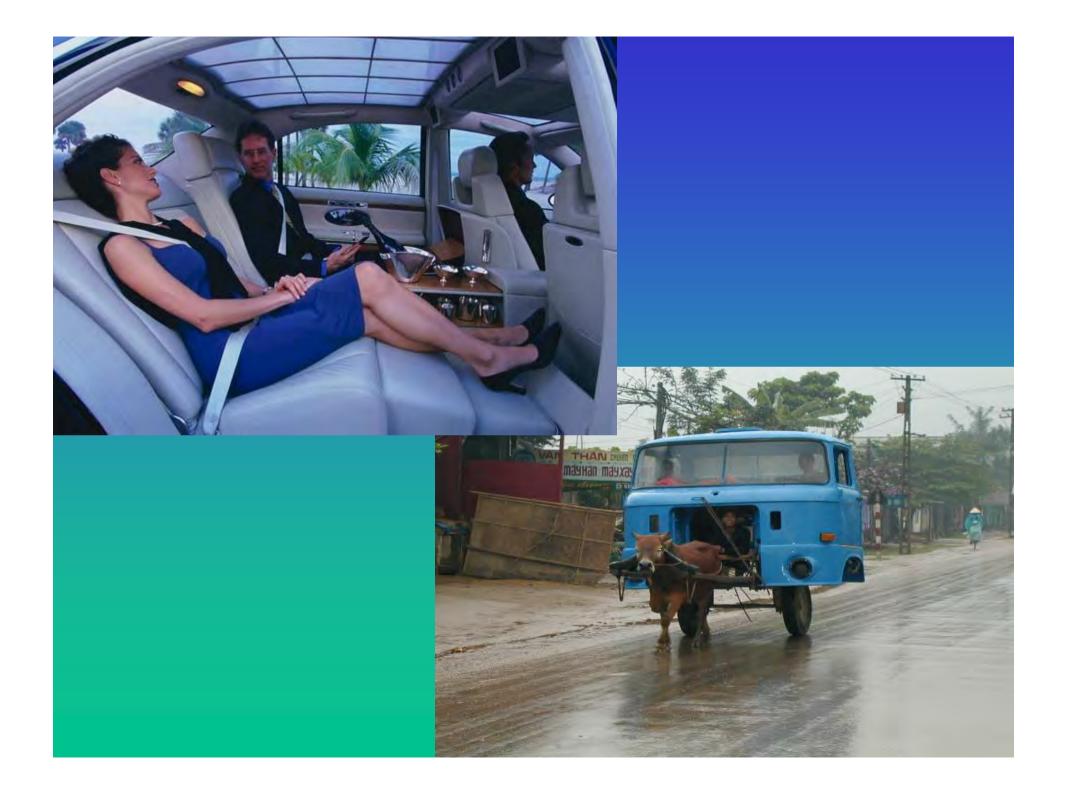
21m³ ROTORPRESS











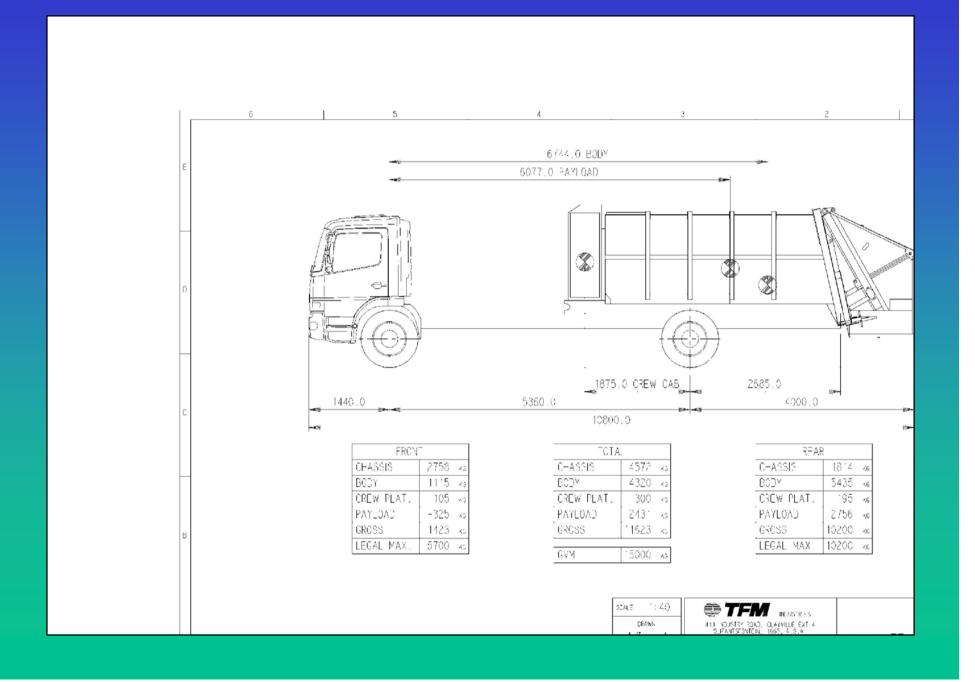


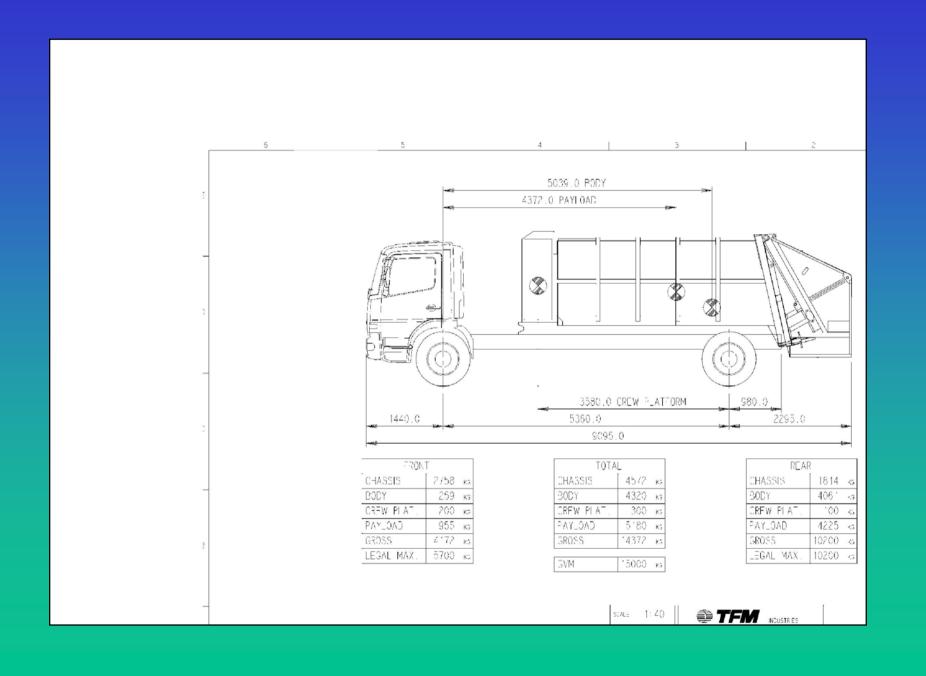


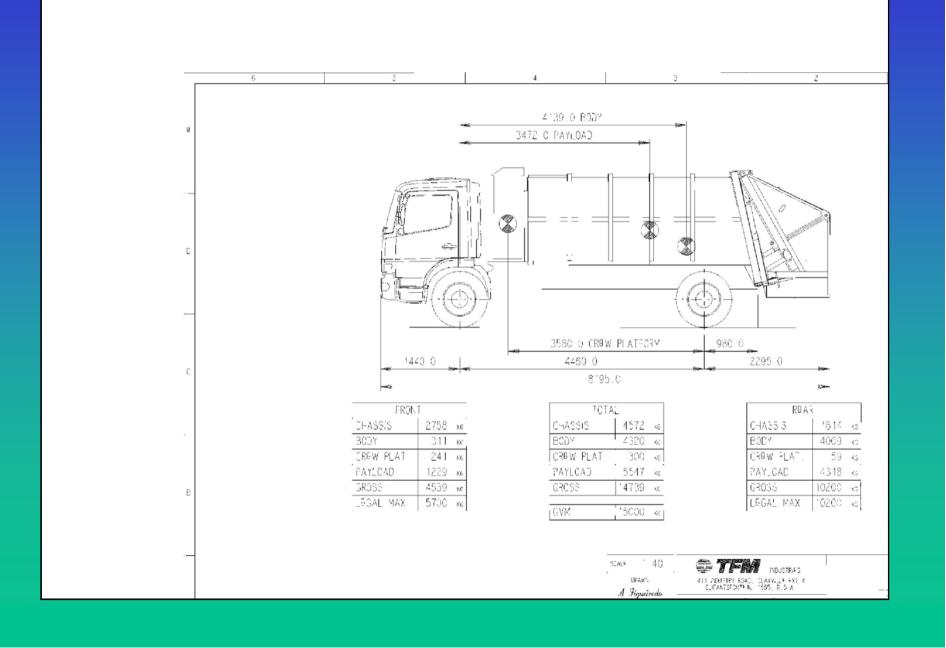


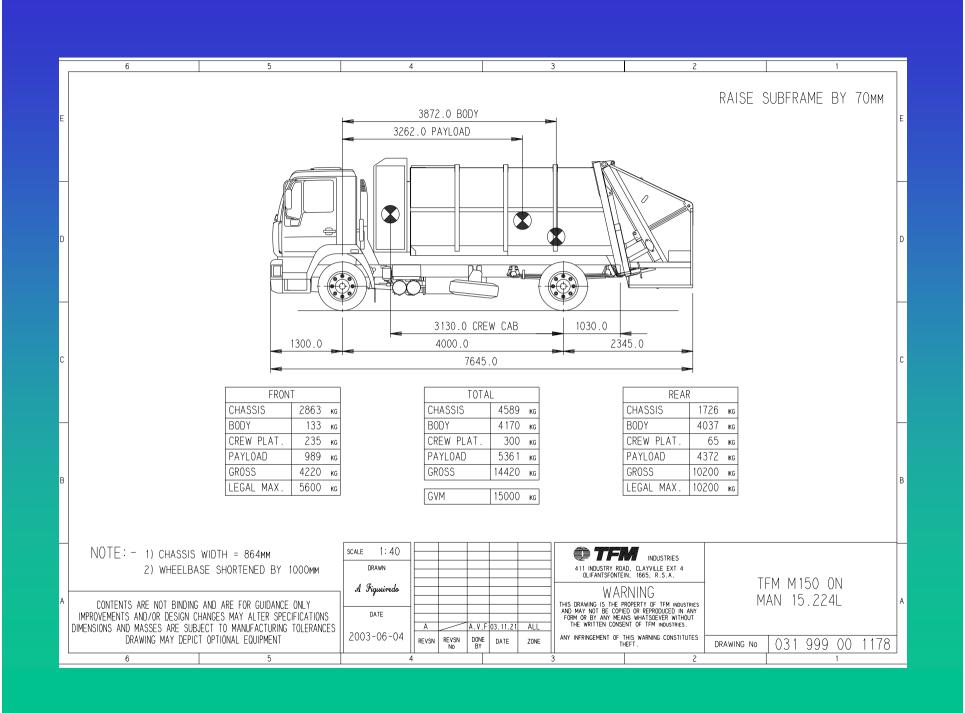


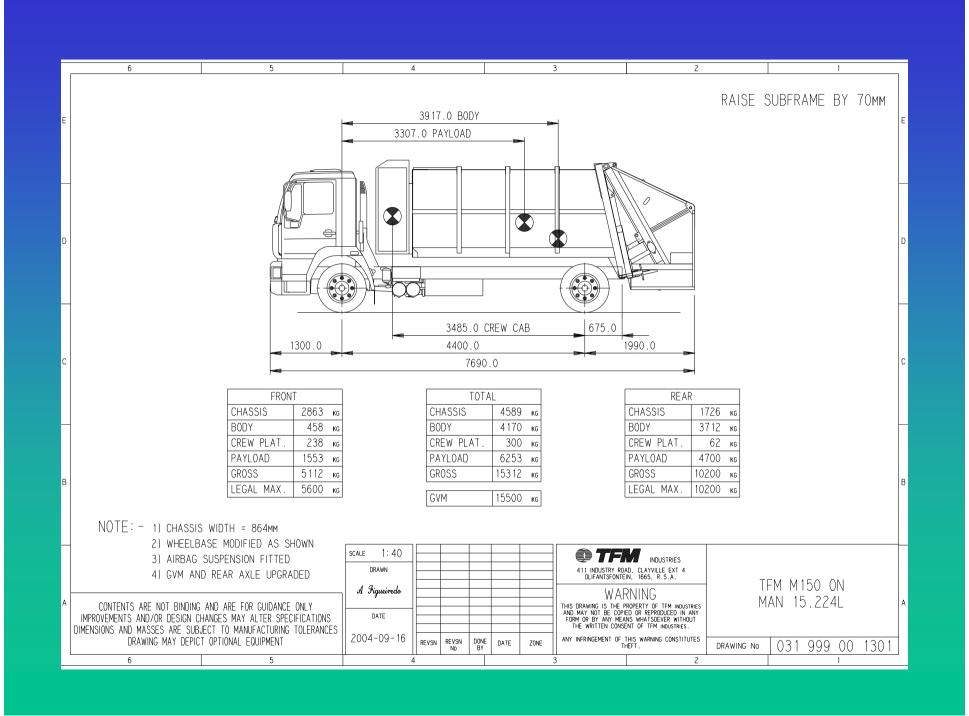












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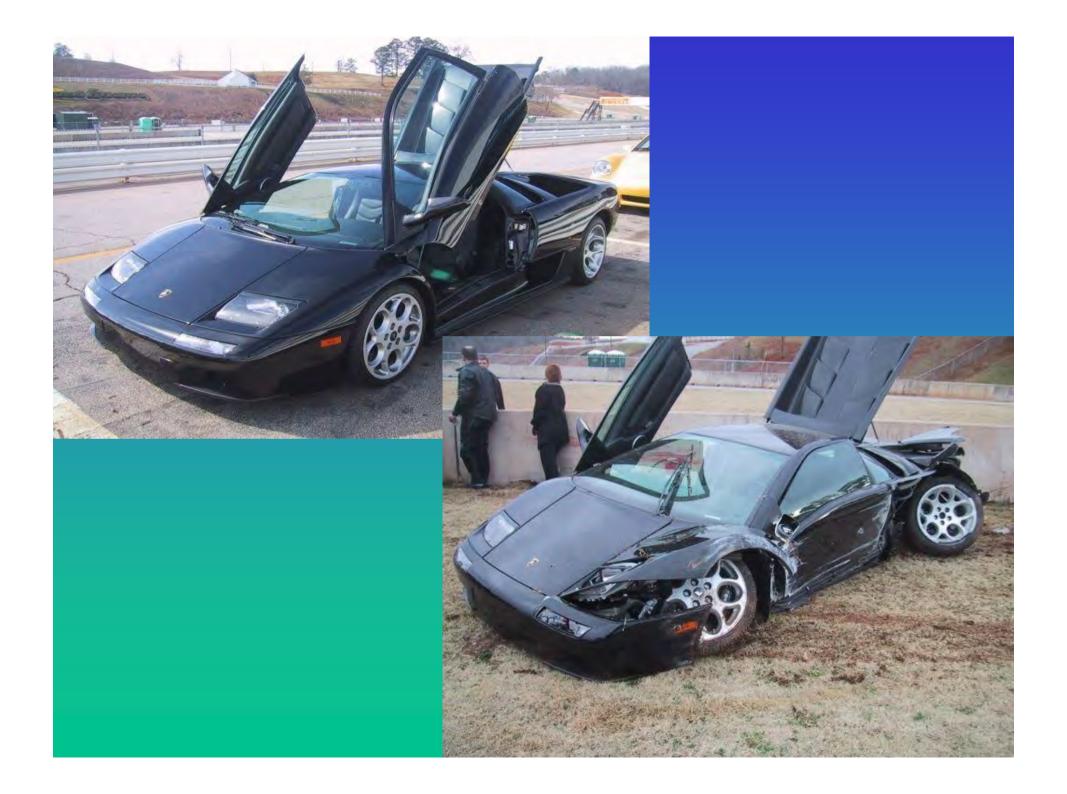
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HAVE WE GOT IT RIGHT?





THANK YOU