

ELEMENT 5 SYSTEMS

2021 PRODUCT CATALOGUE



DEFINITION IN SOUND

CONTENTS

2,3.....	CONTENTS
4.....	HEX 68R
5.....	HEX RB218
6.....	HEX RH218
7.....	HEX 2514
8.....	HEX 1514
9.....	HEX 2210
10.....	DEFINITION NDT
11.....	DEFINITION LT
12.....	PREDATOR 118
13.....	VELOCITOR X
14.....	VX118
15.....	VXS121

Hex 68R

THE **HEX 68R** IS A REVOLUTIONARY NEW PRODUCT, COMBINING A POINT SOURCE/ARRAY INTO A ONE ENCLOSURE SOLUTION THAT CAN BE USED ON ITS OWN OR WITH SINGLE **HEX R28** MODULES TO PRODUCE GREAT RESULTS. **HEX 68R** BOASTS HIGH OUTPUT, WIDE DISPERSION, ULTRA-FLAT MID FREQUENCY RESPONSE, AND SUPERB HIGH FREQUENCY CHARACTERISTICS USING ELEMENT 5 SYSTEMS' UNIQUE RIBBON ARRAY DESIGN.



SPECIFICATIONS

OVERVIEW:

POWER HANDLING (AES): LF - 1200W, HF - 240W
MAX SPL: 136dB CONT. 142dB MAX
SENSITIVITY (1W @ 1M): 105dB
FREQUENCY RESPONSE: 58Hz - 22kHz -3dB, 49Hz - 25kHz -10dB
CROSSOVER TYPE: VIA EXTERNAL DPS
CROSSOVER POINT: 3kHz 24/OCT
OHMS: LF - 5.3Ω, HF - 9Ω
DISPERSION: 30V x 110H
DIMENSIONS: HEIGHT - 742MM, DEPTH - 340MM, WIDTH - 600MM
ENCLOSURE: 15MM, 11 LAMINATE BIRCH PLY
WEIGHT: 28KG
FITTINGS: 8 X M8 EYE HOOK POINTS (FIXED INSTALL), GROUND STACKED ADJUSTABLE YOKE OR FULL SUSPENDED FLYWARE BRACKETS
ACCESSORIES: SOFT TOURING COVER, REMOVABLE DOLLY BOARD
GRILLE: BLACK PERFORATED MINI-HEX STEEL

Hex RB218

THE **RB218** IS A COMPACT DUAL 18" REFLEX SUB WOOFER, CAPABLE OF EXCEPTIONAL OUTPUT FOR ITS SIZE AND WEIGHT WHICH IS ACHIEVED BY HYPER-TUNED PORTS AND TWO HIGH POWER, LONG EXCURSION, HIGH GRADE ITALIAN DRIVERS. THE **RB218** DELIVERS ENDLESS AMOUNTS OF WARM AND TIGHT LOW END FROM A RELATIVELY SMALL BOX THAT CAN BE TRANSPORTED WITH EASE, AND BOASTS VERSATILITY FOR MANY ACOUSTIC SOLUTIONS AND VENUES.



HEX **RB218** WAS DESIGNED TO PROVIDE AN ALL IN ONE SOLUTION WHICH MAINTAINS MAXIMUM SONIC INTEGRITY THROUGH TO MAXIMUM OUTPUT.

SPECIFICATIONS

OVERVIEW:

COMPACT MULTI CHAMBER REFLEX LOADED BASS ENCLOSURE, MULTI CARDIOID CONFIGURABLE, 2 X HIGH POWER 18" DRIVERS

POWER HANDLING (AES): 3000W
MAX SPL: 137dB CONT. 143dB MAX
SENSITIVITY (1W @ 1M): 102dB
FREQUENCY RESPONSE: 38 - 250Hz @ -3dB, 34 - 450Hz @ -10dB
CROSSOVER TYPE: VIA EXTERNAL DPS
CROSSOVER POINT: 110Hz 24/OCT
OHMS: 4Ω
DISPERSION: OMNI
DIMENSIONS: HEIGHT - 560MM, DEPTH - 850MM (W/O CASTORS), WIDTH - 1060MM
ENCLOSURE: 18MM, 13 LAMINATE BIRCH PLY
WEIGHT: 90KG
FITTINGS: 6 X ERGONOMIC HANDLES, 4 X STACKING FEET IN CORRESPONDING LOCATIONS, 4 X 80MM SWIVEL CASTORS
ACCESSORIES: SOFT TOURING COVER, REMOVABLE DOLLY BOARD
GRILLE: UNIQUE OPEN HEXAGON DESIGN WITH PERFORATED STEEL GRILLE AND FOAM FILTER REAR

HEX RH218

HERE AT ELEMENT 5, WE HAD REALISED THAT THE AUDIO MARKET WAS MISSING A VERY UNIQUE TYPE OF TAPPED HORN. THE HEX RH218 WAS BORN, A BRUTALLY LOUD AND PUNCHY REAR LOADED HORN THAT SITS PERFECTLY IN THE MIDDLE OF THE BASS REGION. ONLY A PAIR OF THESE IS NEEDED TO COVER A 500 CAP STAGE THANKS TO THE EXTREMELY HIGH POWER HANDLING AND SENSITIVITY.

PERFECT FOR VERY LARGE DANCE EVENTS

SPECIFICATIONS

OVERVIEW

REAR HORN LOADED BASS ENCLOSURE, EXTREME IMPACT OUTPUT AND TIGHT BASS, 2 X HIGH POWER 18" NEODYMIUM DRIVERS

POWER HANDLING (AES): 3600W

MAX SPL: 142dB CONT. 148dB MAX

SENSITIVITY (1W @ 1M): 106dB

FREQUENCY RESPONSE: 42 - 100Hz @ -3dB, 36 - 300Hz @ -10dB

CROSSOVER TYPE: VIA EXTERNAL DPS

CROSSOVER POINT: 40/100Hz, 24/OCT

OHMS: 4Ω

DISPERSION: OMNI

DIMENSIONS: HEIGHT - 650MM, DEPTH - 1200MM (W/O CASTORS), WIDTH - 850MM

ENCLOSURE: 18MM, 13 LAMINATE BIRCH PLY

WEIGHT: 100KG

FITTINGS: 8 X HANDLES, 4 X STACKING FEET IN CORRESPONDING LOCATIONS, 4 X 80MM SWIVEL CASTORS

ACCESSORIES: SOFT TOURING COVER, REMOVABLE DOLLY BOARD

GRILLE: UNIQUE OPEN HEXAGON DESIGN WITH PERFORATED STEEL GRILLE AND FOAM FILTER REAR



HEX 2514

THE HEX 2514 IS AN ALL ROUND MID-HIGH SOLUTION THAT TICKS ALL THE BOXES, AND WAS IMPLEMENTED AS A SOLUTION FOR A GAP IN THE MARKET. THIS ENCLOSURE HAS HUGE OUTPUT FOR ITS SIZE WHILST MAINTAINING A VERY NATURAL AUDIO REPRODUCTION. THIS IS ACHIEVED WITH THE LATEST TECHNOLOGY USED IN ONE OF THE HIGHEST EFFICIENCY 15" DRIVERS CURRENTLY ON THE MARKET, THESE ARE LOADED INTO OVER TUNED REFLEX ENCLOSURES TUNED TO THE KICK FREQUENCY.

SPECIFICATIONS

OVERVIEW:

REFLEX LOADED FULL RANGE MID-HIGH ENCLOSURE, CONSTANT DIRECTIVITY POINT SOURCE, VERY HIGH OUTPUT (2 X 15", 1 X 1.4")

POWER HANDLING (AES): 900W

MAX SPL: 135dB CONT. 141dB MAX

SENSITIVITY (1W @ 1M): LF - 105dB, HF - 109dB

FREQUENCY RESPONSE: 65Hz - 18kHz @ -3dB, 49Hz - 22kHz @ -10dB

CROSSOVER TYPE: VIA EXTERNAL DPS / OPTIONAL PASSIVE X-OVER

CROSSOVER POINT: 2kHz 24/OCT

OHMS: LF - 4Ω, HF - 8Ω

DISPERSION: 30V x 80H

DIMENSIONS: HEIGHT - 1000MM, DEPTH - 515MM, WIDTH - 430MM

ENCLOSURE: 15MM, 11 LAMINATE BIRCH PLY

WEIGHT: 40KG

FITTINGS: 3 X FLY POINTS, 4 X HANDLES, FEET.

ACCESSORIES: SOFT TOURING COVER, REMOVABLE DOLLY BOARD, SPLAY BOARD WITH ANGULAR TILT

GRILLE: UNIQUE OPEN HEXAGON DESIGN WITH PERFORATED STEEL GRILLE AND FOAM FILTER REAR



HEX 1514

THE **HEX 1514** IS AN ALL ROUND MID-HIGH SOLUTION THAT TICKS ALL THE BOXES, AND WAS IMPLEMENTED AS A SOLUTION FOR A GAP IN THE MARKET. THIS ENCLOSURE HAS HUGE OUTPUT FOR ITS SIZE WHILST MAINTAINING A VERY NATURAL AUDIO REPRODUCTION. THIS IS ACHIEVED WITH THE LATEST TECHNOLOGY USED IN ONE OF THE HIGHEST EFFICIENCY **15"** DRIVERS CURRENTLY ON THE MARKET, THESE ARE LOADED INTO OVER TUNED REFLEX ENCLOSURES TUNED TO THE KICK FREQUENCY.



SPECIFICATIONS

OVERVIEW:

REFLEX LOADED FULL RANGE MID-HIGH ENCLOSURE, CONSTANT DIRECTIVITY POINT SOURCE, VERY HIGH OUTPUT (2 x 15", 1 x 1.4")

POWER HANDLING(AES): **500W**
 MAX SPL: **130DB CONT. 136DB MAX**
 SENSITIVITY (1W@1M): **LF - 103DB, HF - 109DB**
 FREQUENCY RESPONSE: **65HZ - 18KHZ @ -3DB, 54HZ - 22KHZ @ -10DB**

CROSSOVER TYPE: **VIA EXTERNAL DPS / OPTIONAL PASSIVE X-OVER**
 CROSSOVER POINT: **2KHZ 24/OCT**
 OHMS: **LF - 8Ω, HF - 8Ω**
 DISPERSION: **30V X 80H**
 DIMENSIONS: **HEIGHT - 600MM, DEPTH - 515MM, WIDTH - 430MM**

ENCLOSURE: **15MM, 11 LAMINATE BIRCH PLY**

WEIGHT: **25KG**

FITTINGS: **3 X FLY POINTS, 4 X HANDLES, FEET.**

ACCESSORIES: **SOFT TOURING COVER, REMOVABLE DOLLY BOARD, SPLAY BOARD WITH ANGULAR TILT**

GRILLE: **UNIQUE OPEN HEXAGON DESIGN WITH PERFORATED STEEL GRILLE AND FOAM REAR FILTER**

HEX 2210

THE **HEX 2210** IS THE SMALLER BROTHER OF THE **2514** AND IS ALSO AN ALL ROUND DESIRABLE MID-HIGH, WHICH HAS HUGE OUTPUT FOR ITS SIZE. IT BOASTS A VERY NATURAL AUDIO REPRODUCTION THAT IS POSSIBLE WITH THE LATEST TECHNOLOGY USED IN ONE OF THE HIGHEST EFFICIENCY **12"** DRIVERS CURRENTLY ON THE MARKET, THESE ARE LOADED INTO OVER TUNED REFLEX ENCLOSURES TUNED TO THE KICK FREQUENCY.



SPECIFICATIONS

OVERVIEW:

REFLEX LOADED FULL RANGE MID-HIGH ENCLOSURE, CONSTANT DIRECTIVITY POINT SOURCE, VERY HIGH OUTPUT (2 x 12", 1 x 1")

POWER HANDLING (AES): **850W**
 MAX SPL: **133DB CONT. 139DB MAX**
 SENSITIVITY (1W @ 1M): **LF - 103DB, HF - 109DB**
 FREQUENCY RESPONSE: **75HZ - 18KHZ -3DB, 62HZ - 22KHZ -10DB**
 CROSSOVER TYPE: **VIA EXTERNAL DPS / OPTIONAL PASSIVE X-OVER**

CROSSOVER POINT: **2.5KHZ 24/OCT**
 OHMS: **LF - 8Ω, HF - 8Ω**
 DISPERSION: **30V X 80H**
 DIMENSIONS: **HEIGHT - 600MM, DEPTH - 415MM, WIDTH - 380MM**

ENCLOSURE: **15MM, 11 LAMINATE BIRCH PLY**

WEIGHT: **21KG**

FITTINGS: **3 X FLY POINTS, 4 X ERGONOMIC HANDLES, FEET**

ACCESSORIES: **SOFT TOURING COVER, REMOVABLE DOLLY BOARD, SPLAY BOARD WITH ANGULAR TILT**

GRILLE: **UNIQUE OPEN HEXAGON DESIGN WITH PERFORATED STEEL GRILLE AND FOAM REAR FILTER**

DEFINITION NDT

ONE OF OUR FLAGSHIP MID-HIGH RANGE ENCLOSURES HAS ARRIVED IN THE FORM OF THE DEFINITION NDT. THIS SPECIAL DESIGN ALLOWS PRECISE CONTROL OVER FREQUENCIES DOWN TO 100HZ IN SINGLES AND 70HZ IN MULTIPLES WITH A CONSTANT COVERAGE OF 30 DEGREE IN HORIZONTAL AND VERTICAL PLANES, THIS ALLOWS THE ENCLOSURES TO BE CLUSTERED TOGETHER IN A POINT ARRAY WITH MINIMAL CROSS OVER CANCELLATION FOR A REQUIRED COVERAGE ANGLE.



SPECIFICATIONS

OVERVIEW:

MID-HIGH HORN LOADED ENCLOSURE, POINT SOURCE ARRAY, THREE WAY (1 x 12", 1 x 6.5", 2 x 1")

POWER HANDLING (AES): LF - 450W / MF - 180W / HF - 120W

MAX SPL: 136 DB CONT 142DB MAX

SENSITIVITY (1W @ 1M): LF - 108dB / MF - 109dB / HF - 114dB

FREQUENCY RESPONSE: 100 - 18kHz @ -3dB, 85 - 22kHz @ -10dB

CROSSOVER TYPE: VIA EXTERNAL DPS

CROSSOVER POINT: 100 - 300Hz, 300 - 3kHz, 3kHz - 20kHz

OHMS: LF - 8Ω, MF - 8Ω, HF - 16Ω

DISPERSION: 30V x 30H

DIMENSIONS: HEIGHT - 900MM, DEPTH - 715MM, WIDTH - 530MM

ENCLOSURE: 15MM, 11 LAMINATE BIRCH PLY

WEIGHT: 55KG

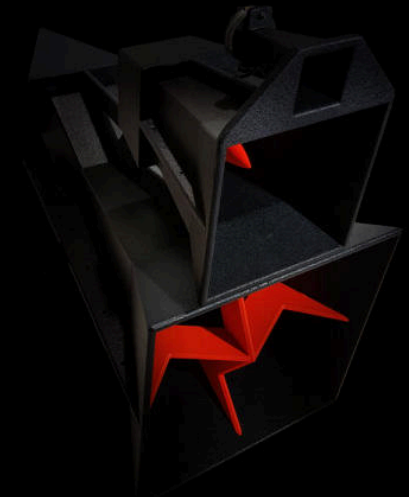
FITTINGS: 4 ERGONOMIC HANDLES, 8 FLYING TRACKS, 2 ROPING POINTS

ACCESSORIES: NYLON CARRY CASE, WHEEL BOARD, FLYING FRAME

GRILLE: OPTIONAL PERFORATED STEEL GRILLE WITH FOAM REAR FILTER

DEFINITION LT

THE ABSOLUTE FLAGSHIP OF OUR DEFINITION MID-HIGH RANGE HAS BEEN DEVELOPED WITH A NO COMPROMISE APPROACH, USING THE BEST MATERIALS AND MANUFACTURING TECHNIQUES WE CAN JUSTIFY USING. THE CONSTANT DIRECTIVITY DESIGN KEEPS THE DIRECTIVITY TO 30 DEGREES IN HORIZONTAL AND VERTICAL PLANES, SO ALLOWING THE MODULES TO BE CLUSTERED TOGETHER IN MANY DIFFERENT POINT SOURCE FORMATS WITH MINIMAL CROSS OVER CANCELLATION.



SPECIFICATIONS

OVERVIEW:

MID HIGH HORN LOADED ENCLOSURE, POINT SOURCE ARRAY, 3-WAY (2 x 10", 1 x 6.5", 1 x 1")

POWER HANDLING (AES): LF - 700W / MF - 250W / HF - 60W

MAX SPL: 138DB CONT, 144DB MAX

SENSITIVITY (1W @ 1M): LF - 110dB / MF - 108dB / HF - 112dB

FREQUENCY RESPONSE: 90 - 18kHz @ -3dB, 75 - 22kHz @ -10dB

CROSSOVER TYPE: VIA EXTERNAL DPS

CROSSOVER POINT: 300Hz / 3kHz

OHMS: LF - 4Ω / MF - 8Ω / HF - 8Ω

DISPERSION: 30V x 30H

DIMENSIONS: HEIGHT - 600MM, DEPTH - 1200MM, WIDTH - 600MM

ENCLOSURE: 15MM, 11 LAMINATE BIRCH PLY

WEIGHT: 45KG

FITTINGS: MODULAR FIXING EXTRUSIONS FOR VERSATILE AND VARIED SETUPS

ACCESSORIES: FLIGHT CASE, FLYING FRAME

PREDATOR 118

THE PREDATOR IS A COMPLETELY DIFFERENT BEAST AND USES A FLAGSHIP 18" DRIVER FIRING FORWARD-DOWN A 2.6M HYPERBOLIC HORN. THIS 18" WOOFER BOASTS LEADING ITALIAN TECHNOLOGY AND A VERY HIGH BL PRODUCT WHICH IS ESSENTIAL TO DRIVE SUCH A LARGE AMOUNT OF AIR THAT THE HORN PRESENTS.

THE CABINET HAS A PERFECTLY BALANCED BLEND OF FLAIR RATE TO SIZE AND HORN MOUTH TO RECREATE EXTREME AMOUNTS OF BASS, SUITED FOR PRETTY MUCH GENRE LONG THROW APPLICATIONS.

SPECIFICATIONS

OVERVIEW:

SUB WOOFER, FULL SIZE HORN LOADED, 1 x 18" HIGH EXCURSION WOOFER

POWER HANDLING (AES): 1800W

MAX SPL: 139dB CONT, 146dB MAX

SENSITIVITY (1W @ 1M): 106dB

FREQUENCY RESPONSE: 42 - 300Hz @ -3dB, 35 - 550Hz @ -10dB

CROSSOVER TYPE: VIA EXTERNAL DPS

CROSSOVER POINT: 30Hz/80-120Hz

OHMS: 8Ω

DISPERSION: OMNI

DIMENSIONS: HEIGHT - 595MM, DEPTH - 1000MM (W/O CASTORS), WIDTH - 1150MM

ENCLOSURE: 18MM, 13 LAMINATE BIRCH PLY

FITTINGS: 8 ERGONOMIC HANDLES, 4 STACKING FEET IN CORRESPONDING LOCATIONS, 4 x 100MM SWIVEL CASTORS

ACCESSORIES: SOFT TOURING COVER, REMOVABLE DOLLY BOARD

GRILLE: OPTIONAL PERFORATED STEEL GRILLE WITH FOAM REAR FILTER



VELOCITOR X

NOW FOR OUR HIGHEST POWER BOX WHICH IS A DOUBLE 21" CAPABLE OF DELIVERING EXCESSIVE AMOUNTS OF BASS FROM A RELATIVELY SMALL ENCLOSURE, THIS BOX IS RATED AT 4kW AES 16kW PEAK COUPLED WITH ONE OF THE HIGHEST BAND PASS SENSITIVITIES ON THE MARKET AT 104dB @1W. THIS IS POSSIBLE BECAUSE OF A HYBRID TYPE LOADING AGAIN BUT USING ONE OF THE MOST UNIQUE 21" DRIVERS ON THE MARKET, LOADED INTO A 3 CHAMBER 6TH ORDER DESIGN.

SPECIFICATIONS

OVERVIEW:

SUB WOOFER, 3-CHAMBER, HYPER TUNED 6TH ORDER BANDPASS, 2 x 21" HIGH EXCURSION WOOFER

POWER HANDLING (AES): 4000W

MAX SPL: 141dB CONT / 147dB MAX

SENSITIVITY (1W @ 1M): 104dB

FREQUENCY RESPONSE: 35 - 100Hz @ -3dB, 25 - 115Hz @ -10dB

CROSSOVER TYPE: VIA EXTERNAL DPS

CROSSOVER POINT: 60-95Hz

OHMS: 4Ω

DISPERSION: OMNI

DIMENSIONS: HEIGHT - 645MM, DEPTH - 1150MM (W/O CASTORS), WIDTH - 1150MM

ENCLOSURE: 18MM, 13 LAMINATE BIRCH PLY

WEIGHT: 135KG

FITTINGS: 8 ERGONOMIC HANDLES, 4 STACKING FEET IN CORRESPONDING LOCATIONS, 4 x 100MM SWIVEL CASTORS

ACCESSORIES: SOFT TOURING COVER, REMOVABLE DOLLY BOARD

GRILLE: OPTIONAL PERFORATED STEEL GRILLE WITH FOAM REAR FILTER



VX118

VX118 IS OUR BEST OUTPUT TO WEIGHT SUB WOOFER TO DATE, IT UTILISES A HIGH GRADE ITALIAN 18" WOOFER LOADED INTO A CAREFULLY BALANCED PORTED HORN HYBRID. THE MULTIPLE TUNED CHAMBERS, PORT AND HORN ACT TOGETHER TO GIVE A WELL BALANCED, PUNCHY BASS THAT HITS YOU IN THE CHEST. THOROUGH CONSIDERATION HAS BEEN GIVEN INTO DAMPING OF THE BANDPASS CHAMBERS TO AVOID ANY HARMONICS OR HORN HONKINESS



SPECIFICATIONS

OVERVIEW:

SUB WOOFER, 6TH ORDER BANDPASS HYBRID HORN, 1 X 18" HIGH GRADE ITALIAN WOOFER

POWER HANDLING (AES): 1200W

MAX SPL: 135dB 141dB

SENSITIVITY (1W @ 1M): 104dB

FREQUENCY RESPONSE: 48 - 200Hz @ -3dB, 40 - 360Hz @ -10dB

CROSSOVER TYPE: VIA EXTERNAL DPS

CROSSOVER POINT: 40-50Hz / 120-160Hz

OHMS: 8Ω

DISPERSION: OMNI

DIMENSIONS: HEIGHT - 500MM, DEPTH - 800MM (W/O CASTORS), WIDTH - 750MM

ENCLOSURE: 18MM, 13 LAMINATE BIRCH PLY

WEIGHT: 35KG

FITTINGS: 4 ERGONOMIC HANDLES, 4 STACKING FEET IN CORRESPONDING LOCATIONS, 4 X 80MM SWIVEL CASTORS

ACCESSORIES: SOFT TOURING COVER, REMOVABLE DOLLY BOARD

GRILLE: OPTIONAL PERFORATED STEEL GRILLE WITH FOAM REAR FILTER

VXS121

VXS121 IS THE COMPLIMENTARY INFRA SUB WOOFER FOR OUR VX118 AND EQUALLY HAS GREAT OUTPUT TO WEIGHT, IT UTILISES A SINGLE HIGH GRADE ITALIAN 21" WOOFER SITUATED IN WELL BALANCED BAND PASS ENCLOSURE. THE SINGLE OCTAVE TUNED CHAMBERS AND PORTS PRODUCE TIGHT LOW END BASS THAT COMPLETES THE PERFECT BASS REPRODUCTION.

THOROUGH CONSIDERATION HAS BEEN GIVEN INTO DAMPING OF THE BANDPASS CHAMBERS TO AVOID ANY HARMONICS OR COLOURATION.



SPECIFICATIONS

OVERVIEW:

POWER HANDLING (AES): 2000W

MAX SPL: 135dB CONT / 141dB MAX

SENSITIVITY (1W @ 1M): 102dB

FREQUENCY RESPONSE: 31 - 110Hz @ -3dB, 23 - 210Hz @ -10dB

CROSSOVER TYPE: VIA EXTERNAL DPS

CROSSOVER POINT: 30 / 80Hz

OHMS: 8Ω

DISPERSION: OMNI

DIMENSIONS: HEIGHT - 750MM, DEPTH - 800MM (W/O CASTORS), WIDTH - 750MM

ENCLOSURE: 18MM, 13 LAMINATE BIRCH PLY

WEIGHT: 75KG

FITTINGS: 4 ERGONOMIC HANDLES, 4 STACKING FEET IN CORRESPONDING LOCATIONS, 4 X 80MM SWIVEL CASTORS

ACCESSORIES: SOFT TOURING COVER, REMOVABLE DOLLY BOARD

GRILLE: OPTIONAL PERFORATED STEEL GRILLE WITH FOAM REAR FILTER

